SWRHL-47r

OFF-SITE SURVEILLANCE ACTIVITIES OF THE SOUTHWESTERN RADIOLOGICAL HEALTH LABORATORY
from January through June 1967

by
Environmental Surveillance
Southwestern Radiological Health Laboratory

U. S. Department of Health, Education, and Welfare
Public Health Service
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Bureau of Radiological Health

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ABSTRACT

The Southwestern Radiological Health Laboratory of the Public Health Service performed off-site radiological surveillance for sixteen announced events and one reactor experiment during the period from January through June 1967. This surveillance is conducted in the public areas surrounding the Nevada Test Site under a Memorandum of Understanding with the U. S. Atomic Energy Commission.

During the six-month period, two announced nuclear events and two Experimental Plans of the Phoebus 1B reactor test series released radioactivity which was detected off-site.

Analysis of all sampling and surveillance information compiled during the six-month period indicates that the safety criteria established by the Atomic Energy Commission for the off-site population were not exceeded.

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I. INTRODUCTION

During the period January through June 1967, sixteen announced underground nuclear tests were conducted by the U. S. Atomic Energy Commission (AEC) at the Nevada Test Site (NTS) as a part of Operation Latchkey. In addition, four Experimental Plans of the Phoebus 1B reactor test series were conducted at the Nuclear Rocket Development Station (NRDS). The Public Health Service (PHS) carried out a program of radiological surveillance of the public areas off-site for the Operational Safety Division of the AEC Nevada Operations Office (AEC/NVOO) under a Memorandum of Understanding between the AEC and the PHS.

The Southwestern Radiological Health Laboratory (SWRHL) conducted the program of radiological monitoring and environmental sampling in the off-site areas surrounding the restricted area enclosed within the NTS and the Nellis Air Force Range. This overall complex of the NTS and the Nellis Air Force Range includes the NRDS and the Tonopah Test Range (TTR), and for simplicity will be called the test range complex throughout this report. Although routine sampling and monitoring was done within a 300-mile radius around the test range complex, surveillance was extended as necessary to provide additional coverage.

This report describes the methods and equipment used and summarizes the data collected during the six-month period.

II. OPERATIONAL PROCEDURES

A. Ground Monitoring

Before each event, mobile monitoring teams are deployed in the off-site area to locations most likely to be affected by a release of radioactive material. If a release occurs, the teams conduct a ground monitoring program directed by two-way radio and telephone communications from Control Point headquarters. Ground monitoring continues until activity becomes too low to necessitate further monitoring.

Each monitor is equipped with an Eberline E-500B Radiation Monitor, a Baird-Atomic Model 904148 Scintillator, and a Victoreen Radector, Model No. AGB-50B-SR. The Eberline E-500B has a range of 0 to 200 milliroentgens per hour (mR/hr) gamma or beta-gamma detection in four scales with an external halogen quenched GM tube and a 0 to 2000 mR/hr range, gamma only, from an internal Anton 302 tube. The Radector has a range of 0.05 to 50,000 mR/hr on two scales. This instrument employs an inert gas ionization chamber. The Baird-Atomic Model 904148 scintillator has a range of 0 to 3 mR/hr in three scales and has an internally mounted NaI (Tl) crystal. This instrument is used primarily for low level gamma detection. Errors associated with these instruments are of the order of ± 20% when calibrated with a ^{137}Cs source.

B. Exposure Rate Recorders

To supplement the ground monitoring program, Eberline RM-11 Exposure Rate Recorders are utilized at fixed locations to document cloud passage, thereby allowing mobile monitoring teams to continue following any release of radioactivity as it moves through off-site areas. These recorders have a Geiger tube detector and operate on 110V AC. They have a 0.01 to 100 mR/hr range and are accurate to ± 20%. Gamma exposure rate is recorded on a 30-hour strip chart.

C. Aerial Cloud Tracking and Sampling

A PHS aerial monitoring team was available for each experiment. In the event of a release of radioactivity, this team, equipped with instruments identical to those used by ground monitors, tracked the effluent. Normally an Air Force U3-A aircraft is used in this tracking mission.

Aerial cloud tracking by this team is used primarily to measure relative radiation intensities and to indicate cloud position, speed and direction. This information is utilized to position ground monitors. PHS Turbo-Beech aircraft are specially equipped to perform cloud measurements and collect a variety of samples. The data and samples are used to determine average cloud concentrations and cloud inventories of gross radioactivity and specific radionuclides. Samples are collected for analysis of particulates, reactive gas, inert gas, water, and CO_2. Samples are also collected to determine size-activity relations of the particulate activity.

D. Air Sampling

During this six-month period, the SWRHL Air Surveillance Network (ASN) was comprised of 105 stations operating in every state west of the Mississippi except Montana and North Dakota. The air sampler used in the ASN was a Gelman "Tempest."

The "Tempest" consists of a Gast Model 1550 vacuum pump driven by a General Electric 1/2 horsepower motor. The pump runs at

1440 rpm with an average flow rate of approximately 10 cfm. The sampler is equipped to use a 4-inch diameter Whatman 541 filter paper and an MSA* type BM 2306 charcoal cartridge. The total volume of air sampled is calculated from the total sampling time and an average of vacuum readings taken at the beginning and the end of the sampling period.

E. Milk and Water Sampling

The previously established milk sampling program from both commercial dairies and private producers continued throughout the six-month period. About 20 sources were routinely sampled during this period, generally on a monthly basis. A total of 144 samples was collected from these locations. In the event of a release of radioactive material, sampling was intensified.

Water samples were collected on a routine basis, unless circumstances dictated special source sampling. Both potable and non-potable water supplies were sampled. During this period 374 water samples were collected from 74 sources. Many of these sources were sampled on a monthly basis.

F. Vegetation Sampling

Normally, vegetation samples were collected only in the event of a release of radioactive material. The analytical results of these samples were used to delineate the fallout pattern.

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*Mine Safety Appliances Co.

G. Film Badges

Approximately 164 residents in the off-site area were issued film badges throughout this period. These film badges were changed each month and were processed by the Radiological Sciences Department, Reynolds Electrical and Engineering Company, Inc. Approximately 90 film badge stations were utilized to provide more complete coverage. Each station held five film badges and 70 stations were each equipped with three EG&G Model TL-12 Thermoluminescent Dosimeters (TLD).

The film badge used is made of DuPont type 555 film. Exposure, as determined from this film, is accurate to ± 50% in the 30 to 100 mR range and ± 10% in the 100 to 2000 mR range. The TLD's have a low energy response cutoff at 50 keV and are not energy-dependent in the range from 50 keV to several MeV. According to past TLD data, a reading of 10 mR above the previous month's background constitutes a detectable exposure.

H. Community Relations

Frequent contacts with the off-site population, schools and civic groups provided the opportunity to explain the role of the PHS with respect to the programs of the AEC. As a result of favorable community relations, a number of off-site residents took part in the environmental sampling program; all routine air sampling stations except Las Vegas were operated by local citizens, and many persons volunteered to wear film badges.

I. Medical and Veterinarian Services

A PHS medical officer was available in the event any cases of a medical nature arose as a result of the test series. No such cases were reported from any source. Veterinarian services were also provided. PHS veterinarians maintained liaison with livestock producers in the area and the program of wildlife and cattle investigation was continued. Semiannual slaughter of cattle from the NTS herd and the Knoll Creek and Delamar Valley herds was accomplished in cooperation with the University of Nevada. Specimens from these animals were analyzed for radionuclide content.

III. ANALYTICAL PROCEDURES

All environmental samples collected by the PHS were returned to the SWRHL in Las Vegas for radiological analyses. The methods used in analyzing these samples are briefly described below. Air sampler prefilters were counted for gross beta activity in a Beckman "Wide Beta" low background (6 ± 1 cpm beta) proportional system which has an efficiency of approximately 45% for 0.54 MeV betas. After an initial count, if no significant activity was detected, the prefilters were counted at 5 and 12 days after collection. In all other cases, prefilters were recounted a minimum of three times in the first 48 hours following collection. The computational procedure employed depends upon the assumption that a decay constant can be determined for each individual sample and that this constant can then be used to extrapolate the activity to the end of the collection period.

Selected prefilters and all charcoal cartridges were analyzed for gamma-emitting radionuclides by placing them directly on a 4- by 4-inch NaI(Tl) crystal coupled to a TMC*Model 404C gamma pulse height analyzer viewing energies from 0 to 2 MeV.

The detection capability of the system as shown in Table 1 is an empirical estimate obtained from previous data collected under the following conditions:

a. Count time in days after fissioning as indicated by footnotes.

b. Prefilters collect unfractionated fission products resulting in a complex spectrum.

c. MSA charcoal collects gaseous fission products only (primarily iodines).

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*Technical Measurement Corporation

d. Analysis is performed using an eight nuclide matrix. If other nuclides are present in the sample, their relative proportion is small compared to those eight.

e. Natural activity on air samples is approximately five times system background.

Table 1. Threshold detectability at time of count of several radionuclides in various samples (95% confidence level).

	pCi						
Sample Type	^{131}I	^{132}Te-I	^{133}I	^{135}I	^{140}Ba-La	Length of Count	Notes
Whatman	500	1000	500	1000	500	10 min.	1
No. 541	200	--	200	--	200	10 min.	2
MSA Charcoal	200	400	200	400	200	10 min.	1
	100	--	100	--	100	10 min.	2

1 - counted at less than 3 days after formation.
2 - counted at 3 days or more after formation.

Although the minimum detectable levels for water samples involve the limitations listed in (d) above, the situation is usually simplified by having no background other than that of the system. For a sample containing all of the isotopes of iodine, the error term on threshold values at the 95% confidence level is approximately ± 50%.

Biological discrimination will limit the number of nuclides present in a milk sample to relatively few. Under normal sampling procedures, the short physical half-life will tend to eliminate ^{132}I and ^{135}I from the sample by the time it is counted. At the 95% confidence level reported values for milk are ± 10 pCi/l or 10% at the time of count whichever is greater for a 40-minute count.

After any release of activity from the NTS, milk samples are collected from dairies (processing plants), producing dairy farms, and farms producing milk for their own consumption. Each sample is counted for 40 minutes. No attempt is made to recount samples having low positive values. The lower limit of detection for gamma emitters in milk samples is 20 picocuries per liter (pCi/l) at the time of count, and all results below that value are reported as < 20 pCi/l.

All liquid samples are counted in 3.5-liter inverted well aluminum beakers which are placed on top of a 4- by 4-inch NaI(Tl) crystal coupled to a 400-channel gamma pulse height analyzer. Overall detection efficiency for the 0.364-MeV photopeak of ^{131}I is 6.4%. A matrix technique is employed to compute the interference due to the presence of other nuclides. The input to this matrix is variable, allowing for the simultaneous determination of any eight nuclides for which detection efficiencies and interference factors have been obtained. Actual computation is performed by an IBM 1620 computer.

After gamma analysis of milk samples was completed, certain samples were analyzed for strontium-89 and-90. After addition of strontium carrier, milk proteins are removed by ion exchange. Following several purification steps, the purified strontium is stored for at least one week to allow for ingrowth of yttrium-90. Strontium and yttrium are separated by nitric acid precipitation and both fractions are counted in a low-background beta counter. The strontium-89 activity is the calculated difference between the total strontium activity and the strontium-90 (as yttrium-90 activity).

Water samples are analyzed for gross beta activity by slowly evaporating an aliquot to dryness in a two-inch diameter stainless steel planchet and counting the beta activity in a low background counter.

IV. RESULTS

A. Underground Tests

Two of the sixteen announced underground nuclear tests resulted in releases of radioactive material which was detected in off-site populated areas. These were the Nash Event, conducted on January 19 and the Umber Event conducted on June 29.

1. Nash

a. Ground surveillance

The Nash Event was conducted at the NTS on January 19 at 0845 hours PST. Leaking occurred eleven hours after detonation and continued until 1200 hours PST on January 20. Winds on shot day and for at least 48 hours following were light and variable near the surface, with a strong inversion at approximately 1000 feet altitude; hence, vertical mixing was slow. Because of these conditions, the effluent moved both southwest and northeast but, by the time the cloud had traveled to the off-site areas, very little radiation could be detected.

No radiation intensities above background were measured north or east of the NTS by any of the seventeen ground monitors stationed at strategic points around the test range complex. However, from 0533 hours to 0930 hours on January 20, external gamma values above background were measured on U. S. Highway 95 from 20 miles west of the Mercury turnoff to 14 miles northwest of Lathrop Wells. The highest exposure rate measured was 0.14 mR/hr above background. This measurement was made on Highway 95, 21 miles west of the Mercury turnoff at 0556 hours and again at 0604 hours PST on January 20. Only one exposure rate recorder indicated activity above background. At Diablo Maintenance Station, 0.01 mR/hr, above background was recorded over a six-hour period beginning at 0930 hours on January 20. No film badges or TLD's collected since the test have indicated exposures resulting from the Nash Event.

Although radioiodines were found present in off-site air sampler filter media, as shown in Table 2, a negligible amount was contributed by the Nash Event. Comparison of radioiodine levels measured before and after the Nash Event shows that these levels, as reported elsewhere, resulted from a non-U. S. nuclear test conducted on December 27, 1966. It can be seen from Table 2 that some of the highest gross beta results came from filters collected before the venting. These were the results of the non-U. S. test and, therefore, were not gamma scanned. This test can also be cited as the source of the low amounts of radionuclides detected in the four milk samples collected following the Nash Event, as shown in Table 3, and for the radioiodines found in the 21 vegetation samples collected as shown in Table 4. Complete milk results for the six-month period are listed in the appendix.

b. Aerial surveillance

A PHS Turbo-Beech performed aerial surveillance in the off-site area from 1150 to 1245 hours on January 20. Cloud activity was detected at 1157 hours three miles east of Lathrop Wells at 5000 feet MSL and sampling was commenced at that time. The cloud continued west to the

Table 2. Air sampling results, Nash Event.

Location	Date Time On	Date Time Off	Volume (m^3)	Collector	Gross Beta Activity (pCi/m^3)	^{131}I (pCi/m^3)
Beatty	1/18	1/19	497	P	1.3	NGS
	0802	0802				
	1/19	1/20	497	P	1.2	0.3
	0803	0807		C		0.3
	1/20	1/21	497	P	0.7	ND
	0808	0805		C		ND
Clarks Station	1/19	1/20	485	P	0.9	ND
	0740	0740		C		1.2
	1/20	1/21	472	P	0.8	ND
	0740	0740		C		ND
Diablo	1/18	1/19	513	P	2.0	NGS
	0650	0700		C		0.8
	1/19	1/20	507	P	0.9	ND
	0700	0700		C		0.3
	1/20	1/21	517	P	0.7	ND
	0700	0730		C		0.9
Fallini's Ranch	1/19	1/20	486	P	0.4	ND
	0830	0900		C		1.0
	1/20	1/21	516	P	0.3	ND
	0900	1000		C		ND
Goldfield	1/19	1/20	509	P	1.2	0.2
	0800	0800		C		ND
	1/20	1/21	435	P	0.8	NGS
	1535	1200		C		ND
Hiko	1/18	1/19	497	P	0.9	NGS
	0810	0810		C		0.3
	1/19	1/20	495	P	0.8	ND
	0810	0800		C		ND
	1/20	1/21	487	P	0.7	ND
	0800	0730		C		ND

Table 2. Air sampling results, Nash Event (continued).

Location	Date Time On	Date Time Off	Volume (m^3)	Collector	Gross Beta Activity (pCi/m^3)	^{131}I (pCi/m^3)
Indian Springs	1/19 0900	1/20 0900	423	P C	1.2	ND 0.8
	1/20 0900	1/21 0900	448	P C	0.8	ND 1.0
Nyala	1/18 0800	1/19 0800	484	P C	2.6	NGS 0.3
	1/19 0800	1/20 0800	509	P C	0.9	0.3 0.4
	1/20 0800	1/21 0800	509	P C	0.7	ND ND
Tonopah	1/18 1400	1/19 1400	497	P	0.9	NGS
	1/19 1400	1/20 1830	573	P C	0.9	ND 0.2
	1/20 1830	1/21 1800	487	P C	0.4	NGS ND
Warm Springs	1/18 0900	1/19 0900	485	P	1.3	NGS
	1/19 0900	1/20 0900	485	P C	1.1	ND 0.5
	1/20 0900	1/21 0900	485	P C	0.6	ND ND
Warm Springs Ranch	1/18 0800	1/19 0730	509	P	1.9	NGS
	1/19 0730	1/20 0730	497	P C	1.1	ND 0.8
	1/20 0900	1/21 1000	516	P C	1.0	NGS NGS

P = Whatman 541 prefilter
C = MSA charcoal cartridge
ND = Not detected
NGS = Not gamma-scanned

Table 3. Milk results (pCi/l), Nash Event.

Location	Date milked	^{131}I	^{90}Sr	^{89}Sr
Lathrop Wells, Nevada (Martinson Ranch)	1/19/67 PM	20	1.5	0
	1/20/67 PM	ND	NC	NC
Nyala, Nevada	1/21/67 AM	ND	6.1	8.0
Springdale, Nevada	1/21/67 AM	ND	1.6	1.0

NC = No chemistry

Table 4. Vegetation samples which showed the presence of fresh fission products, Nash Event.

Collection Date	Location
1/20/67	25.5 mi SE of Lathrop Wells, Nevada
	25.5 mi SE of Lathrop Wells, Nevada
1/20/67	9 mi SE of Lathrop Wells, Nevada
	9 mi SE of Lathrop Wells, Nevada
1/20/67	3 mi SE of Lathrop Wells, Nevada
	3 mi SE of Lathrop Wells, Nevada
1/20/67	Martinson Ranch, Lathrop Wells, Nevada
1/20/67	Beatty, Nevada
	Beatty, Nevada
1/20/67	5 mi S of Beatty, Nevada
	5 mi S of Beatty, Nevada
1/20/67	15 mi S of Beatty, Nevada
	15 mi S of Beatty, Nevada
1/20/67	20 mi S of Beatty, Nevada
	20 mi S of Beatty, Nevada
1/21/67	Coyote Summit, Nevada
1/21/67	Hancock Summit, Nevada
1/21/67	Queen City Summit, Nevada
1/20/67	Death Valley Junction, California
1/20/67	Furnace Creek, California
1/20/67	Shoshone, California

Big Dune. On the return leg towards Lathrop Wells altitude was changed several times to find the cloud top, which was determined to be 5100 feet MSL. Cloud tracking and sampling was continued at 4500 feet MSL along the path shown in Figure 1. Continuous activity was found from Lathrop Wells to the dry lake and to Desert Rock at the Mercury turnoff on Highway 95; then from five miles south of the Mercury turnoff to the west side of the dry lake and again near the California border at 1233 hours. On the northbound leg at 1241 hours the southern edge was located five miles south of Johnnie, Nevada. From these measurements an approximate outline of that portion of the cloud south of Highway 95 was determined as shown in Figure 1. Using a cloud thickness of 2000 feet, a volume of 6.8×10^{11} cubic meters was determined for this portion of the cloud.

Particulate activity collected on the filter of the mass air sampler was too low to quantitate by nuclide. The activated charcoal bed behind the filter contained ^{131}I. The results are shown in Table 5. Aerial samples collected in the vicinity of ground zero showed that the release consisted primarily of inert gases - ^{85m}Kr, ^{88}Kr, and ^{135}Xe. No inert gas samples were collected off the test site.

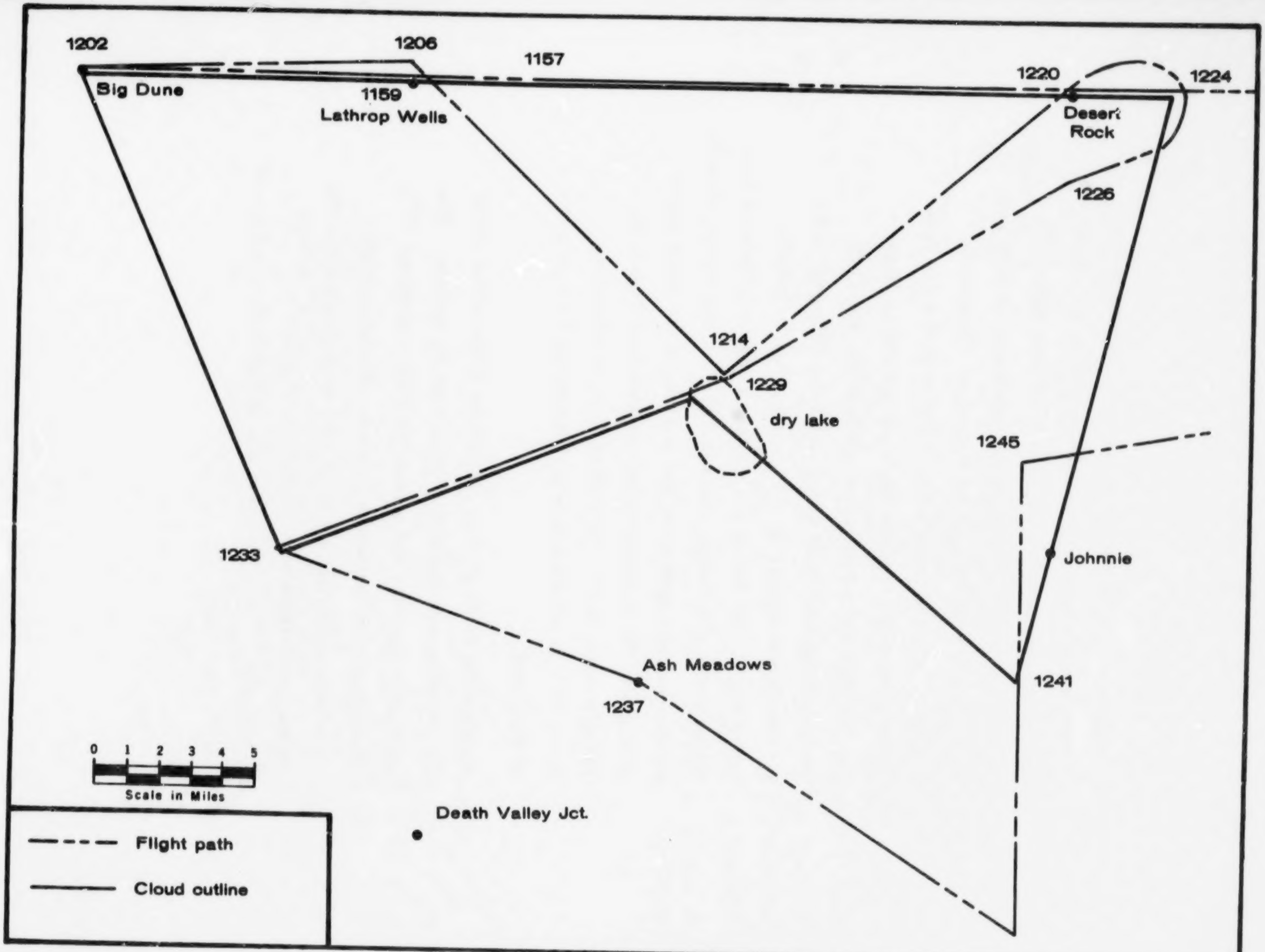
1202
1206
1157
1220
1224
Big Dune
1159
Lathrop Wells
Desert
Rock
1226
1214
1229
dry lake
1245
1233
Johnnie
Ash Meadows
1241
1237
0 1 2 3 4 5
Scale in Miles
Death Valley Jct.
Flight path
Cloud outline

Figure 1. Cloud outline time, and flight path for the Nash Event.

Table 5. Aerial sampling results, Nash Event.

Nuclide	Average concentration pCi/m^3	Cloud total activity-Ci Off NTS at 1200 hrs.
^{131}I (on charcoal)	3.5	2.6
Gross beta particulate	16	11

2. Umber

a. Ground surveillance

The Umber Event was an underground nuclear experiment conducted at 0425 hours PDT on June 29, 1967, at the NTS. Primarily gaseous radioactive material was released and was detected in the off-site areas almost due south of surface zero as shown in Figure 2.

Measurements made by ground monitors at the junction of Highway 95 and State Road 16 increased from 0.5 mR/hr above background at 0655 hours PDT to 0.7 mR/hr at 0700 hours, and by 0800 hours dropped to 0.03 mR/hr. Ground monitors at Death Valley Junction and Shoshone, California, measured 0.01 to 0.03 mR/hr above background and exposure rate recorders at the same location showed integrated exposures of about 0.06 mR. This was estimated by manually integrating the area under the trace of exposure rate versus time on the recorder chart. No fresh fission products were detected in milk, water or vegetation samples.

b. Aerial surveillance

A PHS Turbo-Beech first made contact with the trailing edge of the cloud at 0605 hours, 13 miles northwest of Death Valley Junction, California, at 5700 feet MSL.

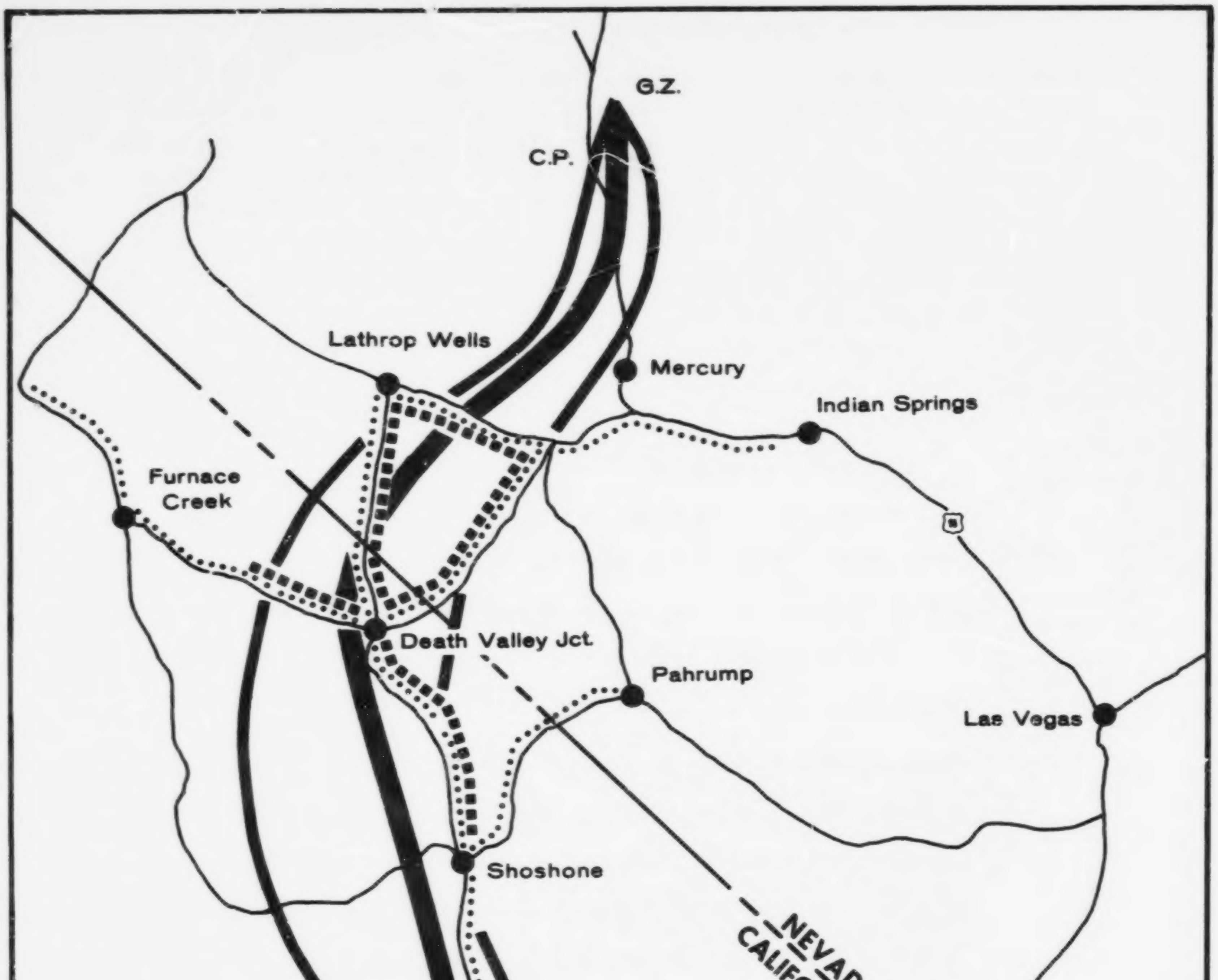
G.Z.
C.P.
Lathrop Wells
Mercury
Indian Springs
Furnace Creek
Death Valley Jct.
Pahrump
Las Vegas
Shoshone
NEVADA
CALIFORNIA
Positive aerial contact
127
5
95
N
Baker
■■■■■■ Positive readings
.... Roads monitored

Figure 2. Positive aerial contact and ground monitoring for the Umber Event.

A spiral descent 12 miles northwest of Death Valley Junction showed gamma activity between 6300 feet and 5700 feet MSL, with the maximum activity at 6000 feet. Therefore, the remainder of the mission was flown at that altitude. The peak exposure rate of the mission was 0.03 mR/hr at 0830, four miles north of Death Valley Junction. The leading edge was located 25 miles south of Shoshone, California at 0951 hours. At 1006 hours the east edge was found to be four miles west of Tecopa, California. A spiral descent was made five miles west of Tecopa at 1017 hours. The cloud top was at 7500 feet MSL and the bottom was at ground level, 2000 feet MSL. Maximum activity was located at 4000 feet MSL. Figure 3 shows the flight paths along which positive cloud contact was maintained, and the approximate cloud outline. The cloud volume was calculated to be 1.2 x 10^{12} cubic meters.

A mass air sample was collected during the mission. No activity above background was found on the filter or charcoal bed. A gas sample was collected at 0840 hours. The results of inert gas analysis are presented in Table 6. The cloud total in Table 6 is not necessarily the product of concentration and cloud volume because the information is originally collected in terms of cubic feet and is rounded off during the conversion to cubic meters for reporting purposes.

Table 6. Aerial sample results, Umber Event. *

Nuclide	Concentration pCi/m^3	Cloud total Curies
^{85m}Kr	3500	4400
^{87}Kr	350	430
^{88}Kr	9500	12000
^{135}Xe	2800	3500

*Time of collection--0840 hours, 6/29/67.

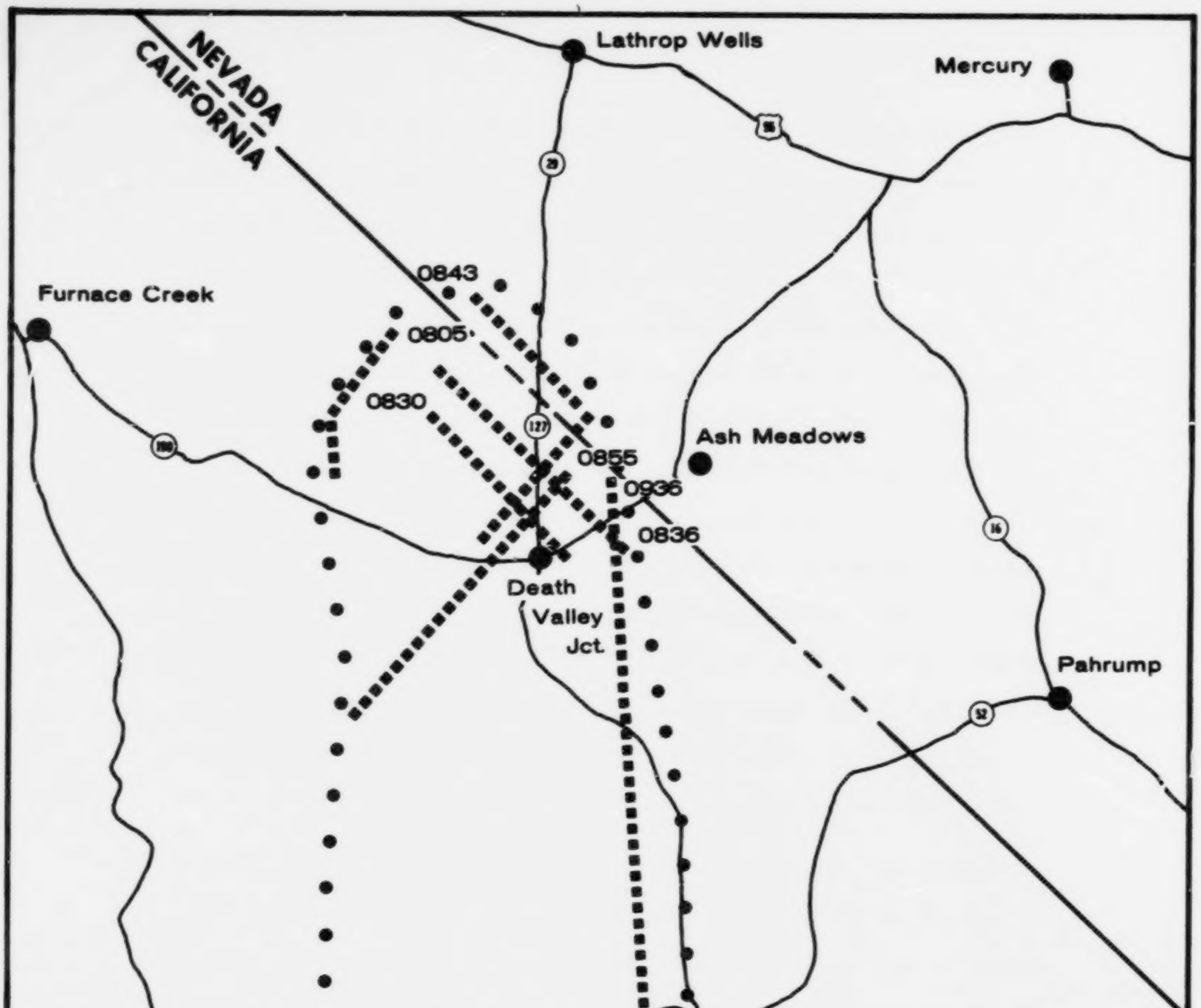
NEVADA
CALIFORNIA
Lathrop Wells
Mercury
95
29
Furnace Creek
0843
0805
0830
127
190
Ash Meadows
0855
0936
0836
Death Valley Jct.
16
Pahrump
52
Shoshone
Tecopa
N
1000
127
0 5 10 15 20
Scale in Miles
● ● ● Approximate cloud outline
■■■■ Flight paths with positive contact
0830 Time of start of pass

Figure 3. Aerial surveillance results, Umber Event, June 29, 1967.

B. Reactor Experiments

1. Phoebus 1B

The Phoebus 1B reactor test series consisted of three calibration operations and a full power run. The following Table 7 lists the operating times and integral power of each of the experiments, all conducted at Test Cell C, NRDS.

Table 7. Phoebus 1B test series data.

Experiment	Date - 1967	Approximate Power Integral Mw-sec	Radiation Detectable off NTS
EP-I	Jan. 25 - 26	2.5	No
EP-II	Feb. 2 - 3	300	No
EP-III	Feb. 10 (1311 PST)	1.5×10^5	Yes
EP-IV	Feb. 23 (1400-1430 PST)	3×10^6	Yes

a. EP-III Test, February 10, 1967

1. Ground surveillance

Effluent from the EP-III test was detected off-site by ground monitors, aerial monitors and by air and vegetation sampling. Although no fresh fission products were detected on the vegetation samples, barely detectable levels of ^{131}I on vegetation had been noted about a month before this reactor operation. The source of this iodine is presumed to be from foreign atmospheric nuclear testing. The prefilter taken from a portable air sampler located at Ash Meadows turnoff on Highway 95 showed 28 pCi/m^3 of ^{139}Ba which, because of its short half-life, is assumed to have been the result of EP-III effluent.

The only measurement of radioactivity above background was made by ground monitors at the junction of Highway 95 and State Road 16(Ash Meadows turnoff). This reading was only slightly above background and dropped to background levels within 30 minutes. No fresh fission products were detected in milk or water samples.

2. Aerial surveillance

A spiral descent by the PHS aircraft on NRDS located the cloud top at 12,300 feet MSL, the cloud bottom at 5800 feet and the altitude of maximum activity at 8500 feet. A sampling path was established at 8500 feet along Highway 95. Cloud arrival on this path at the Ash Meadows turnoff, 155° at 20,2 miles from Test Cell C, at 1345 hours established the wind speed as 35 mph. The cloud hotline was on a bearing of 160° from the test cell. The peak dose rate was 0.04 mR/hr at 1356 hours. The maximum width was 9.9 miles at 1350 hours. Figure 4 presents the plan view of the cloud as it crossed Highway 95, normalized to 1410 hours. Cloud volume was 6.2×10^{11} cubic meters.

A subsequent axial pass located the trailing edge eight miles northwest of Pahrump, Nevada at 1450, with the leading edge 20 miles at 165° from Pahrump. The peak exposure rate measured on this pass was 0.01 mR/hr.

Table 8 lists the results from the mass air filter and gas sample. The charcoal bed contained no identifiable fission products. The cloud total in Table 8 is not necessarily the product of concentration and cloud volume because the information is originally collected in terms of cubic feet and is rounded off during the conversion to cubic meters for reporting purposes.

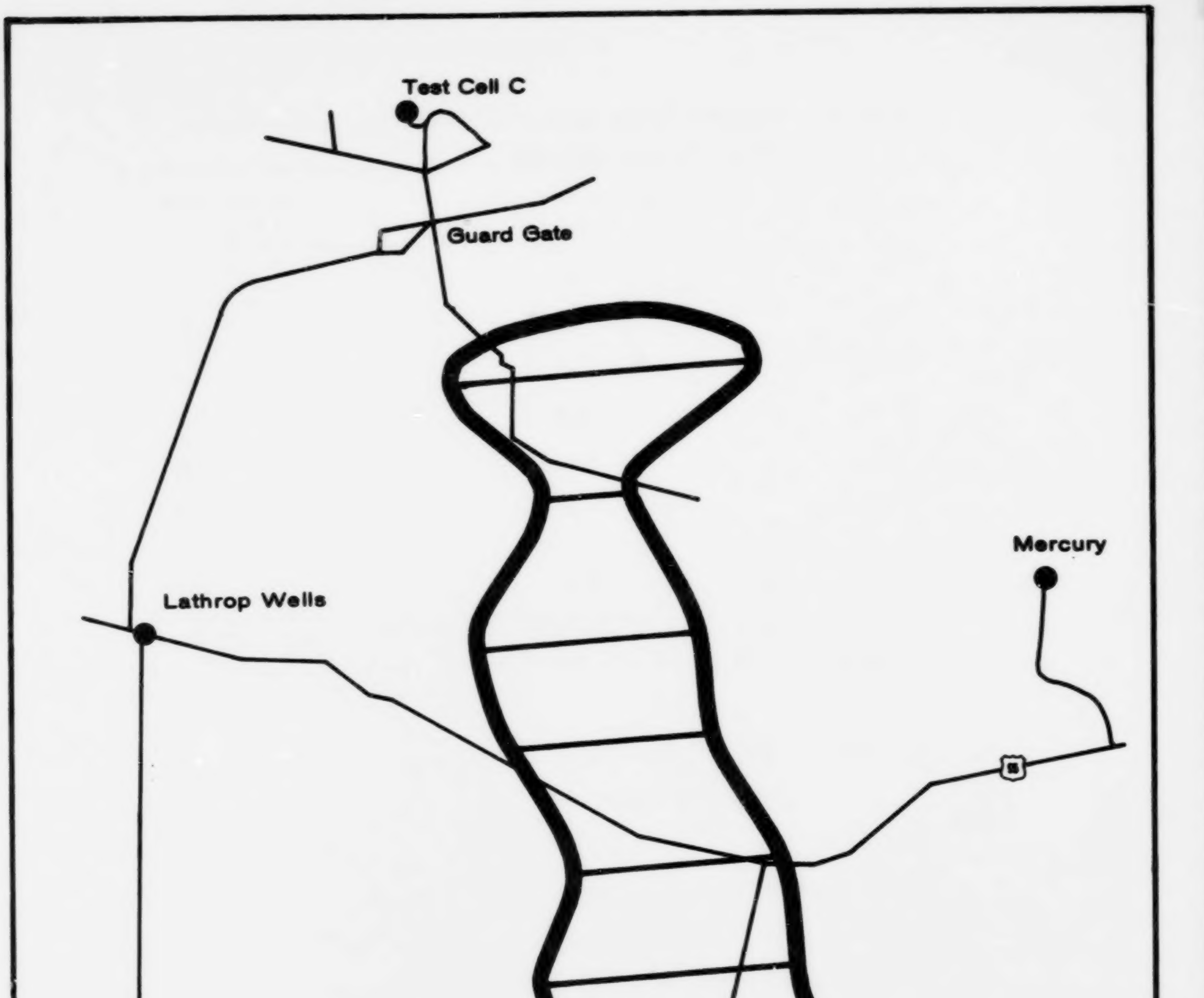
Test Cell C
Guard Gate
Mercury
Lathrop Wells
95
N
Ash Meadows
0 1 2 3 4 5
Scale in Miles
Plan view of EP-III effluent at 8500 feet
MSL normalized to 1410 hours (H+1 hour)

Figure 4. Aerial surveillance results, Phoebus 1B, EP-III.

Table 8. Results from mass air filter and gas sample, Phoebus 1B, EP-III.

Nuclide	Concentration pCi/m^3	Cloud total Curies
^{91}Sr	57	35
^{92}Sr	49	30
^{99}Mo	8.5	5
^{139}Ba	260	160
Kr*	20,000	13,000
^{135}Xe	39	23
Gross beta particulate	530	340

*Kr isotopes were not identified. The activity was extrapolated using an average Kr half-life.

b. EP-IV test, February 23, 1967

1. Ground surveillance

The EP-IV test resulted in a release of radioactive effluent which was detected northeast and south of the test range complex. Ground monitors detected two to three times background levels on a scintillation instrument with a background reading of about 0.01 mR/hr. These measurements were recorded at Queen City Summit and at a point four miles southeast of the summit during cloud passage at 1830-1845 hours. Primary effluent trajectory as shown by air sampling and vegetation sampling, was northwest of Queen City Summit. However, TLD's placed at two-mile intervals from Hiko to eight miles northwest of Queen City Summit showed no exposures above normal background.

Three RM-11 recorder stations reported gross gamma exposures twice that of instrument background during cloud passage at 2000 hours and 2030 hours respectively at Diablo and Twin Springs. Effluent from reactor pulse-cooling reached Lathrop Wells at about 2030 hours; the maximum reading was less than twice the background value of 0.03 mR/hr. Low level night winds, at about 180° from the primary wind direction during daylight hours, caused the pulse-cooling effluent to travel south.

Table 9 lists all the ASN stations where fresh fission products were detected or where gross beta concentrations were above one pCi/m^3 ; Table 10 lists isotopic results from the six stations where maximum amounts were detected. Tables 11, 12 and 13 list the locations and media of other detected amounts of activity.

2. Aerial surveillance

Because of the northerly trajectory of the effluent from EP-IV, the primary cloud sampling was performed on-site. Three tracking missions were performed, one on run day and two the following day. Four large-volume tracking filter samples were collected on the first tracking mission. Two to six short term samples were collected simultaneously with each tracking filter sample. Sampling locations and times are shown in Figure 5. Table 14 gives the radionuclide concentrations as determined from the tracking samples.

Table 9. ASN stations showing gross beta concentrations in excess of 1 pCi/m³, Phoebus 1B EP-IV.

Location	February 23-24		Gross Beta		February 24-25		Gross Beta	
	On	Off	pCi/m³	pCi-hr/m³	On	Off	pCi/m³	pCi-hr/m³
Beatty, Nev.	0805	0723	1.0***	23	0725	0720	1.1 †	26
Currant, Nev.	0715	0715	1.4 †	34	----	----	----	----
Death Valley Jct., Calif.	0645	0645	5.7***	140	----	----	----	----
Diablo, Nev.	0640	0645	170 ***	4000	0645	0700	2.5	60
Twin Springs, Nev.	0930	0845	2.3***	54	0845	0945	1.6	40
Lathrop Wells, Nev.	0850	1605	230 ***	7200	----	----	----	----
Shoshone, Calif.	1245	1317	2.4 ††	59	----	----	----	----
Warm Springs, Nev.	0900	0900	41 ***	980	0900	0900	6.0 †	140
Eureka, Nev.	1950	0730	71 ***	850	0730	0730	7.2 ***	170
Blue Jay, Nev.	0730	0725	52 †	1200	0725	0835	13 ††	330
Elko, Nev.	1326	1310	1.2	28	1310	1237	1.2 ††	28
Nyala, Nev.	0800	0800	5.9 †	140	0800	0800	6.0	95*
Boise, Idaho	----	----	----	----	0840	1100	2.2	58
Wells, Nev.	1701	1704	2.2 ††	53	----	----	----	----
Clark Sta., Nev.	0655	0700	1.7 ***	41	0700	0710	1.4 ***	33
Goss Ranch, Nev.	1640	1200	34 ***	650	Not operated -- temporary sampler			
Queen City Summit, Nev., unpopulated	1705	1230	1.1	21	Not operated -- temporary sampler			
Bozeman, Mont.	----	----	----	----	1110	1050	1.1	26
12 mi west Coyote Summit, Nev.	1645	2051 **	49 †	200	Not operated -- temporary sampler			

* Sampler was operated for 15.9 hours during this period.

** Sample removed at 2051 2/23/67.

*** Radioiodines on both prefilter and charcoal cartridge.

† Radioiodines found on prefilter only.

†† Charcoal cartridge was not in use.

NOTE: Integrated concentrations are calculated using the elapsed time as shown on the timer attached to the air sampler. The times shown in column 2 are clock times as noted by the station operator.

Death Valley Jct., Calif.	0645	0645	5.7***	140	----	----	----	----
Diablo, Nev.	0640	0645	170 ***	4000	0645	0700	2.5	60
Twin Springs, Nev.	0930	0845	2.3***	54	0845	0945	1.6	40
Lathrop Wells, Nev.	0850	1605	230 ***	7200	----	----	----	----
Shoshone, Calif.	1245	1317	2.4 ††	59	----	----	----	----
Warm Springs, Nev.	0900	0900	41 ***	980	0900	0900	6.0 †	140
Eureka, Nev.	1950	0730	71 ***	850	0730	0730	7.2 ***	170
Blue Jay, Nev.	0730	0725	52 †	1200	0725	0835	13 ††	330
Elko, Nev.	1326	1310	1.2	28	1310	1237	1.2 ††	28
Nyala, Nev.	0800	0800	5.9 †	140	0800	0800	6.0	95*
Boise, Idaho	----	----	----	----	0840	1100	2.2	58
Wells, Nev.	1701	1704	2.2 ††	53	----	----	----	----
Clark Sta., Nev.	0655	0700	1.7***	41	0700	0710	1.4***	33
Goss Ranch, Nev.	1640	1200	34***	650	Not operated -- temporary sampler			
Queen City Summit, Nev., unpopulated	1705	1230	1.1	21	Not operated -- temporary sampler			
Bozeman, Mont.	----	----	----	----	1110	1050	1.1	26
12 mi west Coyote Summit, Nev.	1645	2051**	49†	200	Not operated -- temporary sampler			

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* Sampler was operated for 15.9 hours during this period.

** Sample removed at 2051 2/23/67.

*** Radioiodines on both prefilter and charcoal cartridge.

† Radioiodines found on prefilter only.

†† Charcoal cartridge was not in use.

NOTE: Integrated concentrations are calculated using the elapsed time as shown on the timer attached to the air sampler. The times shown in column 2 are clock times as noted by the station operator.

2

Table 10. Isotopic air results from the six stations having the highest concentrations - Phoebus 1B EP-IV.

Location Nevada	Time On	Time Off	Sample Vol. m^3	Col-lec-tor*	Prefilter Gross Beta pCi/m^3	Prefilter Gross Beta pCi-hr/m^3	^{131}I pCi/m^3	^{131}I pCi-hr/m^3	^{132}Te-I pCi/m^3	^{132}Te-I pCi-hr/m^3	^{133}I pCi/m^3	^{133}I pCi-hr/m^3	^{135}I pCi/m^3	^{135}I pCi-hr/m^3	^{141}Ce pCi/m^3	^{141}Ce pCi-hr/m^3
Lathrop Wells,	0850	1605	662	P			15	470	140	4400	5.8	180	ND	----	83	2600
	2/23	2/24		C	230	7100	12	390	4.5	140	68	2100	ND	----	71	2200
Diablo,	0640	0645	511	P			14	240	48	1100	57	1300	ND	----	ND	----
	2/23	2/24		C	170	4000	19	440	22	510	72	1700	24	570	ND	----
Blue Jay,	0730	0725	505	P			4.7	110	15	360	16	380	ND	----	6.7	160
	2/23	2/24		C	52	1200	ND	---	ND	----	ND	----	ND	----	ND	----
Blue Jay,	0725	0835	520	P			3.1	78	11	280	8.2	210	ND	----	2.3	58
	2/24	2/25		no C	13	330										
Warm Springs,	0900	0900	485	P			4.4	110	14	340	20	480	71	1700	ND	----
	2/23	2/24		C	41	970	6.4	150	6.8	160	29	700	ND	----	ND	----
Warm Springs,	0900	0900	485	P	6.0	140	1.4	34	5.2	120	3.8	91	ND	----	1.9	46
	2/24	2/25		C			ND	---	ND	----	ND	----	ND	----	ND	----
Eureka,	1950	0730	249	P			7.2	86	23	270	35	420	180	2100	ND	----
	2/23	2/24		C	71	850	11	130	12	140	16	190	ND	----	ND	----
Eureka,	0730	0730	497	P			1.5	36	5.3	130	4.2	100	ND	----	1.1	26
	2/24	2/25		C	7.2	170	2.6	62	2.8	67	8.2	200	ND	----	0.4	10
Goss Ranch, 23 mi S of Diablo	1640	1200	203	P			2.4	46	8.0	150	6.2	120	8.7	170	2.6	50
	2/23	2/24		C	34	660	4.0	77	3.0	58	7.7	150	3.0	58	ND	----

P =prefilter
C =charcoal cartridge
ND=no detection

NOTE: Integrated concentrations are calculated using the elapsed time as shown on the timer attached to the air sampler. The times shown in column 2 are clock times as noted by the station operator.

Table 11. Vegetation samples containing detectable fresh fission products, Phoebus 1B EP-IV.

Location	Date Collected	Location	Date Collected
Alamo, Nevada	2/24	20 mi NW Queen City Summit	2/24
20 mi S Beatty, Nevada	2/24	25 mi NW Queen City Summit	2/24
25 mi S Beatty, Nevada	2/24	30 mi NW Queen City Summit	2/24
Springdale, Nevada	2/24	35 mi NW Queen City Summit	2/24
5 mi W Lathrop Wells, Nev.	2/24	40 mi NW Queen City Summit	2/24
Selbach Ranch (Lathrop Wells)*	2/24	Bradshaw Ranch (Duckwater, Nev.)*	2/28
5 mi E Coyote Summit	2/24	Segura Ranch (Eureka, Nev.)*	3/1
10 mi NW Queen City Summit	2/24	Gardners Ranch (Preston, Nev.)*	2/28
15 mi NW Queen City Summit	2/24	Cold Creek Ranch (Strawberry, Nev.)*	3/1
Warm Springs, Nev.	2/24		

*Nearest map location.

Table 12. Water sampling results, Phoebus 1B EP-IV.

Location	Source	Date Collected	Gross Beta pCi/l
Triple T Ranch Austin, Nevada	Pond	2/25	3
Cummings Ranch Baker, Nevada	Pond	2/25	2
Blue Eagle Ranch Currant, Nevada	Spring	2/26	6
Currant Creek Reservoir	Pond	2/24	3
Diablo	Tap	2/26	10
Bradshaw Ranch Duckwater, Nev.	Tap	2/25	14
M. Gardner Dairy Lund, Nevada	Tap	2/25	4
W. Gardner Dairy Lund, Nevada	Tap	2/25	3
McKenzie Dairy Lund, Nevada	Tap	2/25	ND
Scow Dairy Lund, Nevada	Tap	2/25	3
Yelland Ranch McGill, Nevada	Stream	2/25	1
Yelland Ranch McGill, Nevada	Stream	2/26	2
Fallini's Pond Twin Springs, Nevada	Pond	2/24	72
Fallini's Pond Twin Springs, Nevada	Pond	2/26	63
Pruess Reservoir Garrison, Utah	Pond	2/25	13

ND = Not detected

Table 13. Four highest ^{131}I concentration in milk samples, Phoebus 1B EP-IV.

Location	Date of Milking	pCi/l				
		^{131}I	^{133}I	^{137}I	^{89}Sr	^{90}Sr
Martin Ranch Eureka, Nev.	2/28/67 a.m.	60	ND	30	ND	14
Ideal Dairy Richfield, Utah	2/27/67 p.m.	40	ND	20	ND	7.8
Martin Ranch Eureka, Nev.	2/24/67 a.m.	20	50	40	ND	16
Cammack Dairy Blackfoot, Idaho	2/25/67 a.m.	20	ND	20	ND	6.7

ND = Not detectable

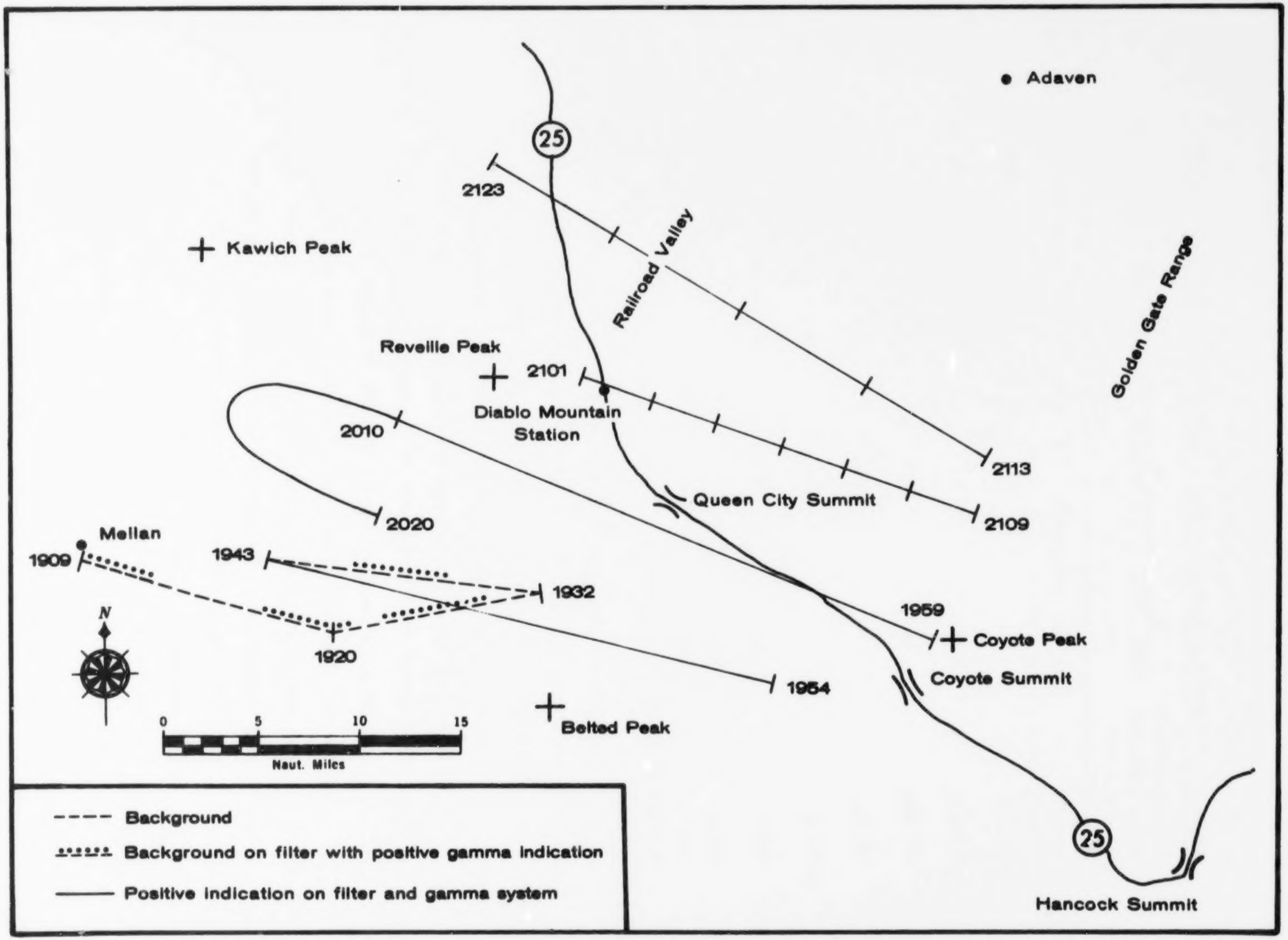
Adaven
Golden Gate Range
Railroad Valley
Kawich Peak
Reveille Peak
Diablo Mountain Station
Queen City Summit
Coyote Peak
Coyote Summit
Hancock Summit
Belted Peak
Mellan
25
25
2123
2101
2113
2109
2010
2020
1909
1943
1932
1920
1959
1954
N
0
5
10
15
Naut. Miles
Background
Background on filter with positive gamma indication
Positive indication on filter and gamma system

Figure 5. Tracking Flight No. 1 showing time, Phoebus 1B, EP-IV, February 23, 1967.

Table 14. Tracking filter results - Phoebus 1B, EP-IV, 2/23/67.

Filter number	1	2	3	4
Time interval	1909-1955	1959-2020	2025-2109	2113-2126
Volume* m^3	50	92	57	190
Nuclide	Concentration pCi/m^3 at mid-time of collection			
^{91}Sr	ND	ND	880	1400
^{97}Zr	120	67	ND	ND
^{99}Mo	46	50	74	150
^{132}Te	150	190	320	780
^{131}I	50	74	88	210
^{133}I	840	880	1300	270
^{135}I	670	880	1[illegible]	2500

ND=not detected

The second tracking flight started at NRDS at 0744 hours on February 24. This flight proceeded to the vicinity of Malad City, Idaho, then back to Elko, Nevada. Four tracking filters were collected for forty-minute sampling periods. Four ten-minute interval samples were collected with each forty-minute tracking filter and were immediately beta counted. Sample volumes, and radionuclide concentrations, for tracking filters three and four are based on the sampling time during which positive external gamma activity was detected by a 4- by 4-inch NaI(Tl) crystal detector. Sample volumes for filters one and two are based on the total sample time as no indications above background were seen during their collection. Tracking filter results are given in Table 15.

Table 15. Tracking filter results - Phoebus 1B, EP-IV, 2/24/67.

Filter number	1	2	3	4	5	6
Time interval	0744-0828	0831-0913	0917-0958	1004-1045	1630-1710	1715-1812
Volume, m^3	193	185	45*	135*	66*	150*
Nuclide	Concentration pCi/m^3 at mid-time of collection					
^{97}Zr	ND	ND	ND	ND	2.8	ND
^{99}Mo	ND	0.35	4.9	1.8	6.4	0.70
^{132}Te	ND	0.70	22	5.7	12	2.5
^{131}I	ND	ND	7.8	1.8	4.2	0.70
^{133}I	2.8	1.8	67	22	30	6.0

* Volume based on time during which activity was detected by a 4- by 4-inch crystal.
ND = not detected.

A third tracking mission was also flown on February 24. This mission covered the area from Salt Lake City, Utah, to Dubois, Idaho. Two forty-minute tracking filters were collected. Four ten-minute interval filters were collected with each tracking filter. The results of these tracking filters are also shown in Table 15 as filters five and six.

Figure 6 shows the paths of the tracking flights and location of tracking filter sample collections.

As shown in Figure 7, fresh fission products were detected in all directions from Test Cell "C," excepting the 110° to 170° sector. Though the main portion of the cloud moved north to northeast, the above normal gross beta concentration recorded at Boise, Idaho, suggests a cloud movement closer to true north. Fresh fission products were also carried to the south southwest by low level

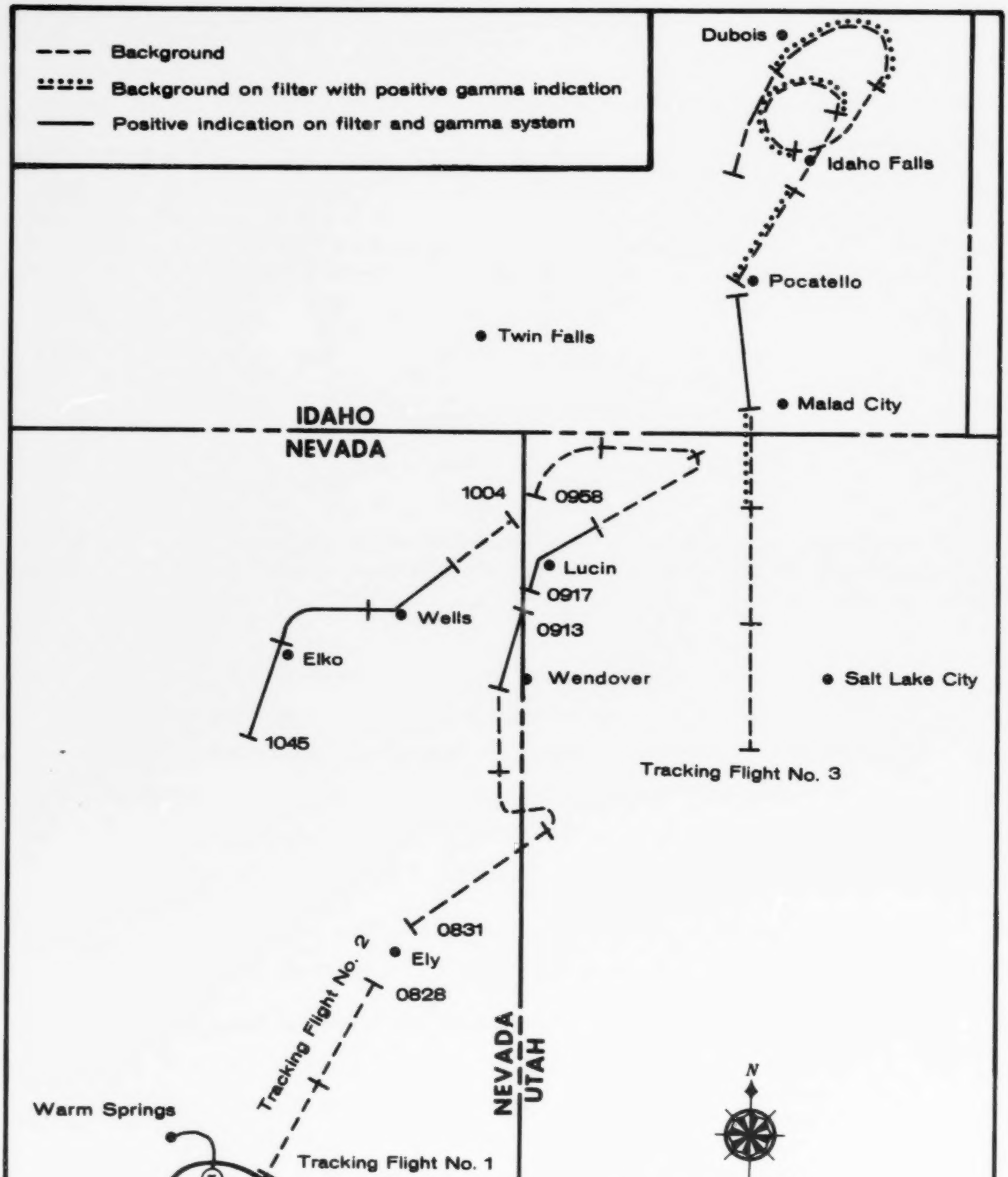
Background
Background on filter with positive gamma indication
Positive indication on filter and gamma system
Dubois
Idaho Falls
Pocatello
Twin Falls
Malad City
IDAHO
NEVADA
1004
0958
Lucin
0917
Wells
0913
Elko
Wendover
Salt Lake City
1045
Tracking Flight No. 3
0831
Ely
Tracking Flight No. 2
0828
NEVADA
UTAH
N
Warm Springs
Tracking Flight No. 1
See Figure 5
25
Hiko
0
25
50
75
Naut. Miles
NRDS
0744

Figure 6. Tracking flights, Phoebus 1B, EP-IV, February 24, 1967.

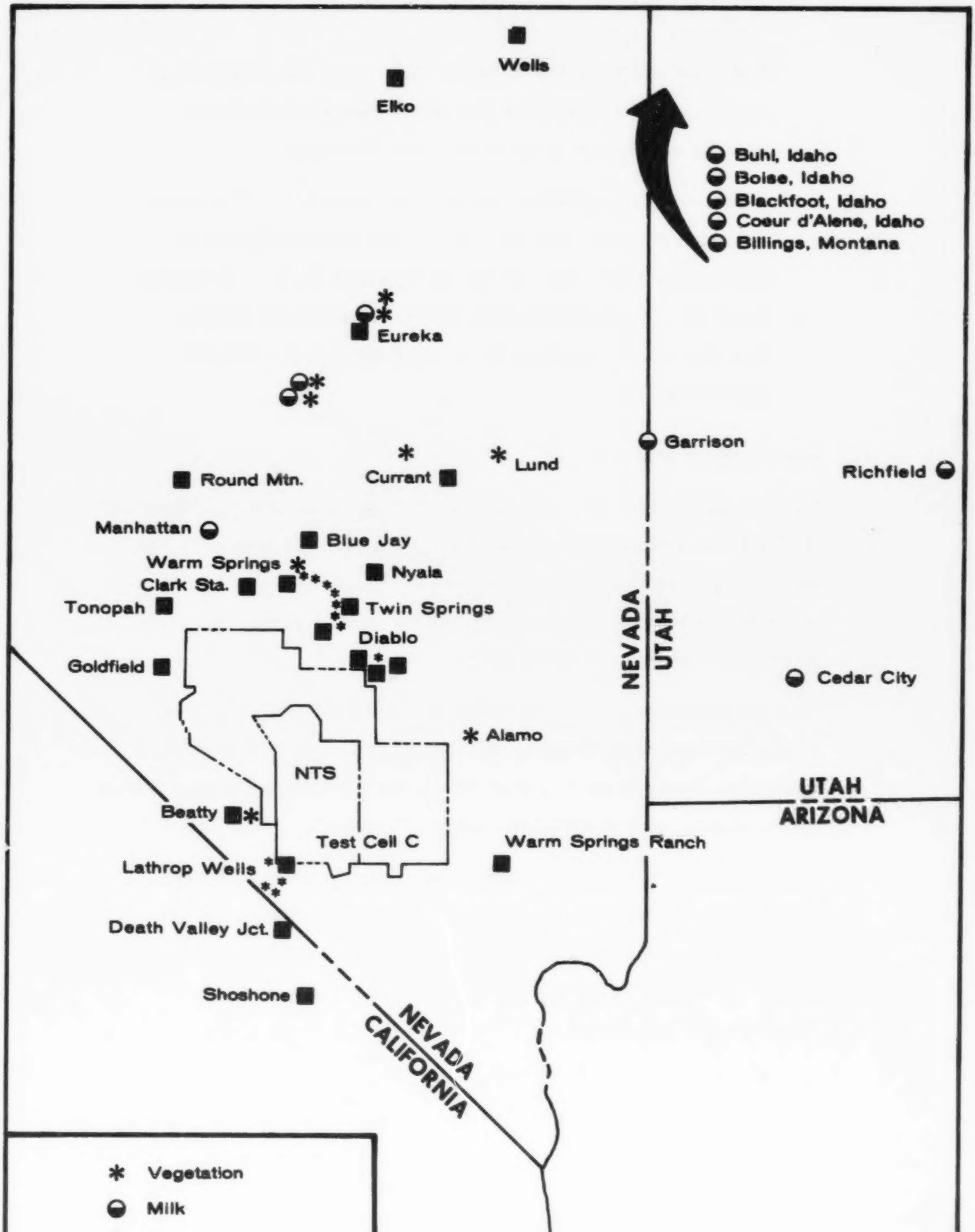
Wells
Elko
Buhl, Idaho
Boise, Idaho
Blackfoot, Idaho
Coeur d'Alene, Idaho
Billings, Montana
Eureka
Garrison
Lund
Round Mtn.
Currant
Richfield
Manhattan
Blue Jay
Warm Springs
Nyala
Clark Sta.
Tonopah
Twin Springs
Diablo
NEVADA
UTAH
Goldfield
Cedar City
Alamo
NTS
UTAH
ARIZONA
Beatty
Test Cell C
Warm Springs Ranch
Lathrop Wells
Death Valley Jct.
Shoshone
NEVADA
CALIFORNIA
✱ Vegetation
◒ Milk
■ Air

Figure 7. Locations where fresh fission products were detected.

drainage winds on the night of February 23, and on the morning of February 24 the wind changed directions moving northwest over Beatty and Goldfield.

Although it is possible that small amounts of ^{131}I were residual on pastures from a foreign test conducted in December 1966, the source of all fresh fission products found in any environmental samples collected during this period is assumed to be the result of the EP-IV operation.

C. Six-month Summary

Results of off-site surveillance activities, including listings of the highest concentrations of gross beta activity and ^{131}I are summarized in the following tables. Gross beta results on air filters collected following weapons tests during this period did not exceed 3 pCi/m^3.

Though gross beta activity in the air has little value in determining radiation exposures to persons, indications of airborne radioactivity present in a specific area aid in determining where milk, water, and vegetation samples should be collected.

The source of all levels of radioactivity measured off-site during this period was predominantly the two reactor tests discussed and a non-U.S. nuclear detonation on December 27, 1966. Complete milk results for the six-month period are listed in the Appendix.

Table 16. The ten high air concentrations of gross beta radioactivity resulting from reactor tests conducted during period January 1 to June 30, 1967.

Location	Date Time On	Date Time Off	Duration Hrs	Volume m^3	Collector	Gross Beta Concentration	
						pCi/m^3	pCi-hr/m^3*
Jct. Highway 95 and Highway 16, Nevada	2/10 1330	2/10 1530	2.0	20.7	P	260	520
Lathrop Wells, Nevada	2/23 0850	2/24 1605	31.2	662	P	230	7200
Diablo, Nevada	2/23 0640	2/24 0645	23.5	511	P	170	4000
Eureka, Nevada	2/23 1950	2/24 0730	12.0	249	P	71	850
Blue Jay, Nevada	2/23 0730	2/24 0725	23.8	505	P	52	1200
Warm Springs, Nevada	2/23 0900	2/24 0900	24.0	485	P	41	980
Goss Ranch	2/23 1640	2/24 1200	19.2	203	P	34	650
Blue Jay, Nevada	2/24 0725	2/25 0835	25.1	520	P	14	350
Eureka, Nevada	2/24 0730	2/25 0730	24.0	497	P	7.2	170
Nyala, Nevada	2/24 0800	2/25 0800	15.9	346	P	6.0	95

*Sample pCi divided by sample rate.

Table 17. Ten high gross beta concentrations on air samples for January to June 1967 for non-U.S. weapon tests.

Location	Date Time On	Date Time Off	Gross Beta Concentrations pCi/m^3
Clark Station, Nevada	1/01 0830	1/02 0805	210
Lovelock, Nevada	1/01 0930	1/02 0900	190
Warm Springs, Nevada	1/01 0900	1/02 0900	180
Round Mountain, Nevada	1/01 1236	1/02 1212	180
Reno, Nevada	1/01 0740	1/02 0805	150
Currant, Nevada	1/01 0730	1/02 0730	150
Frenchman, Nevada	1/01 0849	1/02 0815	150
Bryce, Utah	1/01 0755	1/02 0756	150
Nyala, Nevada	1/01 0800	1/02 0800	150
Lida, Nevada	1/01 0955	1/02 0710	130

Table 18. Ten high ^{131}I concentrations in air resulting from reactor tests during period January 1 to June 30, 1967.

Location	Date Time On	Date Time Off	Duration Hrs	Volume m^3	Collector	^{131}I Beta Concentrations	
						pCi/m^3	pCi-hr/m^3*
Diablo, Nevada	2/23 0640	2/24 0645	23.5	511	C	18.9	444
Lathrop Wells, Nevada	2/23 0850	2/24 1605	31.2	662	P	15.2	475
Diablo, Nevada	2/23 0640	2/24 0645	23.5	511	P	14.0	329
Lathrop Wells, Nevada	2/23 0850	2/24 1605	31.2	662	C	12.4	387
Eureka, Nevada	2/23 1950	2/24 0730	12.0	249	C	10.7	128
Eureka, Nevada	2/23 1950	2/24 0730	12.0	249	P	7.2	86.4
Warm Springs, Nevada	2/23 0900	2/24 0900	24.0	485	C	6.4	153
Blue Jay, Nevada	2/23 0730	2/24 0725	23.8	505	P	4.7	113
Warm Springs, Nevada	2/23 0900	2/24 0900	24.0	485	P	4.4	106
Coyote Summit, Nevada Goss Ranch	2/23 1640	2/24 1200	19.2	203	C	4.0	76.8

*Sample pCi divided by sample rate.

Table 19. Thirteen high concentrations of ^{131}I in milk samples collected from January 1, 1967 to July 1, 1967.

Location	Date	^{131}I (pCi/l)
Spanish Fork, Utah - Town Pride Dairy	1/05/67	90
Spanish Fork, Utah - Town Pride Dairy	1/06/67	90
Eureka, Nevada - Martin Ranch	2/28/67	60
Springdale, Nevada - Peacock Ranch	1/04/67	60
Spanish Fork, Utah - Town Pride	1/07/67	50
Ogden. Utah - Maple Leaf Dairy	1/11/67	40
Nyala, Nevada - Sharp's Ranch	1/10/67	40
Richfield, Utah - Ideal Dairy	2/27/67	40
Buhl, Idaho - Smith Dairy	1/06/67	30
Mt. Pleasant, Utah - Brooklawn Creamery	1/08/67	30
Mt. Pleasant, Utah - Brooklawn Creamery	1/12/67	30
Smithfield, Utah - Cache Valley Dairy	1/05/67	30
Smithfield, Utah - Cache Valley Dairy	1/10/67	30

V. CONCLUSIONS

Results obtained through environmental radiation surveillance during this period indicate that no individual in the off-site area received an exposure, resulting from Nevada Test Site or NRDS operations, which exceeded the radiological safety criteria established by the AEC.

APPENDIX

Milk sample results for the six-month period.

Note:

The first line of each sample listing gives the location of the sample source, the identification number assigned to the sample when it arrives at the laboratory, and the date the sample was collected. The remaining lines show the nuclides present in the sample in units of picocuries per liter, except for calcium and potassium which are given in units of grams per liter.

Routinely, analysis is made for the following eight nuclides: ^{144}Ce, ^{131}I, ^{106}Ru, ^{137}Cs, ^{95}Zr, ^{54}Mn, ^{40}K, and ^{140}Ba. These nuclides are listed only when they are present in detectable quantities. When samples are collected for particular events, analysis is generally done for ^{133}I in place of ^{106}Ru.

The nuclides which are processed by radiochemistry methods--Ca, ^{89}Sr, ^{90}Sr--are listed if radiochemistry is performed, even if they are not detectable. If ^{89}Sr is not detectable, it is listed as "B," which signifies <5 pCi/l. If ^{90}Sr is not detectable, it is listed as "D," which signifies <0.1 pCi/l.

Some of the values are listed in exponential form:

3.0E01 = $3.0 \times 10^1 = 30$; 5.5E02 = $5.5 \times 10^2 = 550$, etc.

APPENDIX

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ARIZONA MILK - JAN 1967-JUNE 1967                                 COLLECTED

JOSEPH CITY ARIZONA                              AM 56014501702912023630 01 06 67
    137CS=1.0E01          140BA=2.0E01              K=1.3

JOSEPH CITY ARIZONA                                 56014501702912023696 01 09 67
    137CS=1.0E01          K=1.1

PHOENIX ARIZONA                                     56021001302912023618 01 04 67
    137CS=5.00E00         K=1.3

PHOENIX ARIZONA                                     56021001302912023608 01 06 67
    131I=2.0E01           137CS=5.0E00              K=1.3                 SR89=0
    SR90=2.4

SAFFORD ARIZONA                                  PM 56023000902912023717 01 08 67
    131I=1.0E01           K=1.3                     89SR=1                90SR=1.8

SAFFORD ARIZONA                                  PM 56023000902912023734 01 09 67
    K=1.4

TAYLOR ARIZONA                                   AM 56028502102912023676 01 06 67
    137CS=5.0E00          140BA=1.0E01              K=1.2                 SR89=0
    SR89=2.1

TAYLOR ARIZONA                                      56028502102912023695 01 09 67
    137CS=5.0E00          K=1.1

TUCSON ARIZONA                                   AM 56031001902912023628 01 05 67
    137CS=5.0E00          K=1.3

TUCSON ARIZONA                                   AM 56031001902912023637 01 06 67
    137CS=5.0E00          140BA=1.0E01              K=1.4                 SR89=0
    SR90=2.0

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.

                              PAGE    1A
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APPENDIX

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ARIZONA MILK - JAN 1967-JUNE 1967                                COLLECTED

TUCSON ARIZONA                          AM 5603100190291202371O 01 08 67
   K=1.4

TUCSON ARIZONA                          AM 56031001902912023712 01 09 67
   K=1.3

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                          COLLECTED

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 53024002904912020900 03 01 67 0002341
   131I=ND            133I=ND            135I=ND            137CS=ND
   K=1.32E00          NO                 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 53024002904912020925 03 02 67 0002341
   131I=ND            133I=ND            137CS=ND           K=1.52E00
   NO                 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 53024002904912020950 03 03 67 0002341
   131I=ND            133I=ND            137CS=ND           K=1.25E00
   NO                 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYAM 53024002904912020934 03 04 67 0002341
   131I=ND            133I=ND            137CS=ND           K=1.36E00
   NO                 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 53024002904912024801 03 05 67 0002341
   131I=ND            133I=ND            137CS=ND           K=1.09E00
   NO                 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 53024002904912024813 03 06 67 0002341
   131I=ND            133I=ND            137CS=ND           K=1.23E00
   NO                 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 53024002904912024823 03 07 67 0002341
   131I=ND            133I=ND            137CS=ND           K=1.42E00
   NO                 CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYAM 56024002904912025210 06 22 67 0002341
   131I=ND            137CS=1.2E01       K=1.61E00          89SR=2
   90SR=1.6

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                              COLLECTED

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYAM 5602400290491202521 3 06 23 67 0002341
   131I=ND              137CS=ND              K=1.56E00            NO
   CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYAM 56024002904912025208 06 24 67 0002341
   131I=ND              137CS=ND              K=1.55E00            NO
   CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYAM 56024002904912025215 06 25 67 0002341
   131I=ND              137CS=ND              K=1.42E00            NO
   CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYAM 56024002904912025263 06 26 67 0002341
   131I=ND              137CS=ND              K=1.53E00            NO
   CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 56024002904912025259 06 27 67 0002341
   131I=ND              137CS=ND              K=1.5E00             NO
   CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 56024002904912025350 06 28 67 0002341
   131I=ND              137CS=ND              K=1.63E00            NO
   CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 56024002904912025377 06 29 67 0002341
   131I=ND              137CS=ND              K=1.52E00            NO
   CHEM

BAKERSFIELD CALIFORNIA CHALLENGE CRMRYPM 56024002904912025380 06 30 67 0002341
   131I=ND              137CS=9.0E00          K=1.59E00            NO
   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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APPENDIX

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CALIFORNIA MILK - JAN 1967-JUNE 1967                       COLLECTED

BARSTOW CALIFORNIA HILLS DAIRY          AM 56024002904912025209 06 23 67 0002344
   131I=ND              137CS=ND           K=1.39E00           NO
   CHEM

BARSTOW CALIFORNIA HILLS DAIRY          AM 51027002904912020336 01 24 67 8390006
   137CS=1.0E01         K=1.4              89SR=1              90SR=1.3

BARSTOW CALIFORNIA HILLS DAIRY          AM 51027002904912020887 02 28 67 8390006
   K=1.34E00            89SR=0             90SR=3.3

BARSTOW CALIFORNIA HILLS DAIRY          AM 56027002904912025351 06 29 67 0002341
   131I=ND              137CS=ND           K=1.45E00           NO
   CHEM

BARSTOW CALIFORNIA HILLS DAIRY          AM 53027002904912020784 02 28 67 0002344
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.33E00            NO                 CHEM

BARSTOW CALIFORNIA HILLS DAIRY          AM 53027002904912020961 03 01 67 0002344
   131I=ND              133I=ND            137CS=ND            K=1.53E00
   NO                   CHEM

BARSTOW CALIFORNIA HILLS DAIRY          AM 53027002904912020940 03 02 67 0002344
   131I=ND              133I=ND            137CS=ND            K=1.15E00
   NO                   CHEM

BARSTOW CALIFORNIA HILLS DAIRY          AM 53027002904912020931 03 03 67 0002344
   131I=ND              133I=ND            137CS=ND            K=1.42E00
   NO                   CHEM

BARSTOW CALIFORNIA HILLS DAIRY          AM 53027002904912020959 03 03 67 0002344
   131I=ND              133I=ND            137CS=ND            K=1.37E00
   NO                   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                              COLLECTED

BARSTOW CALIFORNIA HILLS DAIRY         AM 53027002904912024806 03 06 67 0002344
   131I=ND              133I=ND           137CS=ND             K=1.17E00
   NO                   CHEM

BARSTOW CALIFORNIA HILLS DAIRY         AM 53027002904912024811 03 07 67 0002344
   131I=ND              133I=ND           137CS=ND             K=1.23E00
   NO                   CHEM

BARSTOW CALIFORNIA HILLS DAIRY         AM 51027002904912024852 03 14 67 8390344
   K=1.50E00            89SR=0            90SR=2.1

BARSTOW CALIFORNIA HILLS DAIRY         AM 51027002904912024950 04 17 67 8390344
   131I=ND              137CS=ND          K=1.62E00            89SR=0
   90SR=1.6

BARSTOW CALIFORNIA HILLS DAIRY         AM 51027002904912025030 05 09 67 8390344
   131I=ND              137CS=7.0E00      140BA=ND             K=1.45E00
   89SR=0               90SR=1.5

BARSTOW CALIFORNIA HILLS DAIRY         AM 51027002904912025171 06 14 67 8390344
   131I=ND              137CS=ND          K=1.47E00            89SR=1
   90SR=1.6

BARSTOW CALIFORNIA HILLS DAIRY         AM 56027002904912025207 06 24 67 0002344
   131I=ND              137CS=ND          K=1.47E00            89SR=1
   90SR=4.3

BARSTOW CALIFORNIA HILLS DAIRY         PM 56027002904912025257 06 25 67 0002344
   131I=ND              137CS=ND          K=1.3E00             89SR=2
   90SR=0.6

BARSTOW CALIFORNIA HILLS DAIRY         AM 56027002904912025262 06 26 67 0002344
   131I=ND              137CS=ND          K=1.32E00            NO
   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                               COLLECTED

BARSTOW CALIFORNIA HILLS DAIRY         AM 56027002904912025267 06 27 67 0002344
   131I=ND             137CS=ND           K=1.53E00           ND
   CHEM

BARSTOW CALIFORNIA HILLS DAIRY         AM 56027002904912025269 06 28 67 0002344
   131I=ND             137CS=ND           K=1.47EC0           ND
   CHEM

BIG PINE CALIFORNIA DUNAGAN RANCH      AM 51036502704913025166 06 15 67 8390009
   131I=ND             137CS=1.1E01       K=1.51E00           CHEM
   LOST

BISHOP CALIFORNIA SIERRA FARMS         AM 51037002704912020337 01 25 67 8290021
   K=1.1               89SR=1             90SR=3.4

BISHOP CALIFORNIA SIERRA FARMS         PM 51037002704912020878 02 28 67 8290021
   137CS=4.91E00       K=1.12E00          89SR=0              90SR=5.4

BISHOP CALIFORNIA SIERRA FARMS         AM 51037002704912024861 03 16 67 8290021
   K=1.39E00           89SR=2             90SR=1.7

BISHOP CALIFORNIA SIERRA FARMS         AM 51037002704912024939 04 18 67 1420021
   131I=ND             137CS=1.4E01       K=1.48E00           89SR=4
   90SR=3.9

BISHOP CALIFORNIA SIERRA FARMS         AM 51037002704912025032 05 11 67 8290021
   131I=ND             137CS=1.0E01       140BA=ND            K=1.50E00
   89SR=3              90SR=7.5

BISHOP CALIFORNIA SIERRA FARMS         AM 51037002704912025168 06 15 67 8290021
   131I=ND             137CS=2.7E01       K=1.55E00           89SR=2
   90SR=5.7

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                          COLLECTED

BRAWLEY CALIFORNIA DATELAND DAIRY     PM 56040007504912025211 06 22 67 0002347
   131I=ND            137CS=ND           K=1.42E00            89SR=0
   90SR=1.5

BRAWLEY CALIFORNIA DATELAND DAIRY     PM 56040007504912025214 06 23 67 0002347
   131I=ND            137CS=ND           K=1.39E00            NO
   CHEM

BRAWLEY CALIFORNIA DATELAND DAIRY     PM 56040007504912025260 06 24 67 0002347
   131I=ND            137CS=ND           K=1.65E00            NO
   CHEM

BRAWLEY CALIFORNIA DATELAND DAIRY     PM 56040007504912025255 06 25 67 0002347
   131I=ND            137CS=8.0E00       K=1.57E00            NO
   CHEM

BRAWLEY CALIFORNIA DATELAND DAIRY     AM 56040007504912025271 06 26 67 0002347
   131I=ND            137CS=ND           K=1.65E00            NO
   CHEM

BRAWLEY CALIFORNIA DATELAND DAIRY     PM 56040007504912025356 06 27 67 0002347
   131I=ND            137CS=ND           K=1.38E00            NO
   CHEM

BRAWLEY CALIFORNIA DATELAND DAIRY     PM 56040007504912025358 06 28 67 0002347
   131I=ND            137CS=ND           K=1.56E00            NO
   CHEM

BRAWLEY CALIFORNIA DATELAND DAIRY     AM 56040007504912025369 06 30 67 0002347
   131I=ND            137CS=ND           K=1.44E00            NO
   CHEM

CORONA CALIFORNIA                        56077006504912023715 01 07 67
   131I=2.0E01       K=1.3               89SR=0               90SR=2.8

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                                    COLLECTED

CORONA CALIFORNIA                                  56077006504912023714 01 08 67
   131I=2.0E01          K=1.3

CORONA CALIFORNIA                               PM 56077006504912023749 01 10 67
   131I=1.0E01          K=1.3

FRESNO CALIFORNIA STATE COLLEGE CRMRY AM 56130001904912025206 06 22 67 0002339
   131I=ND              137CS=1.0E01       K=1.41E00          89SR=2
   90SR=2.3

FRESNO CALIFORNIA STATE COLLEGE CRMRY AM 56130001904912025212 06 23 67 0002339
   131I=ND              137CS=ND           K=1.56E00          89SR=1
   90SR=3.3

FRESNO CALIFORNIA STATE COLLEGE CRMRY AM 56130001904912025217 06 24 67 0002339
   131I=ND              137CS=ND           K=1.40E00          ND
   CHEM

FRESNO CALIFORNIA STATE COLLEGE CRMRY AM 56130001904912025228 06 25 67 0005339
   131I=ND              137CS=1.2E01       K=1.48E00          ND
   CHEM

FRESNO CALIFORNIA STATE COLLEGE CRMRY AM 56130001904912025266 06 26 67 0002339
   131I=ND              137CS=6.0E00       K=1.42E00          ND
   CHEM

FRESNO CALIFORNIA STATE COLLEGE CRMRY AM 56130001904912025265 06 27 67 0002339
   131I=ND              137CS=ND           K=1.4E00           ND
   CHEM

FRESNO CALIFORNIA STATE COLLEGE CRMRY AM 56130001904912025270 06 28 67 0002339
   131I=ND              137CS=ND           K=1.57E00          ND
   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                                COLLECTED

FRESNO CALIFORNIA STATE COLLEGE CRMRY PM 5613000190491202536 8 06 29 67 0002339
   131I=ND             137CS=ND            K=1.48E00            NO
   CHEM

FRESNO CALIFORNIA STATE COLLEGE CRMRY PM 56130001904912025362 06 30 67 0002339
   131I=ND             137CS=7.0E00        K=1.64E00            NO
   CHEM

HANFORD CALIFORNIA SUPERIOR DAIRY     AM 53143003104912020773 02 28 67 0002340
   131I=ND             133I=ND             135I=ND              137CS=ND
   K=1.45E00           NO                  CHEM

HANFORD CALIFORNIA SUPERIOR DAIRY     AM 53143003104912020867 03 01 67 0002340
   131I=ND             133I=ND             135I=ND              137CS=5.75E00
   K=1.34E00           NO                  CHEM

HANFORD CALIFORNIA SUPERIOR DAIRY     AM 53143003104912020903 03 02 67 0002340
   131I=ND             133I=ND             135I=ND              137CS=ND
   K=1.61E00           NO                  CHEM

HANFORD CALIFORNIA SUPERIOR DAIRY     AM 53143003104912020960 03 03 67 0002340
   131I=ND             133I=ND             137CS=ND             K=1.55E00
   NO                  CHEM

HANFORD CALIFORNIA SUPERIOR DAIRY     AM 53143003104912020946 03 04 67 0002340
   131I=ND             133I=ND             137CS=ND             K=1.19E00
   NO                  CHEM

HANFORD CALIFORNIA SUPERIOR DAIRY     AM 53143003104912020984 03 05 67 0002340
   131I=ND             133I=ND             137CS=ND             K=1.37E00
   NO                  CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                                COLLECTED

HANFORD CALIFORNIA SUPERIOR DAIRY     AM 53143003104912020988 03 06 67 0002340
   131I=ND             133I=ND             137CS=ND            K=1.35E00
   ND                  CHEM

HANFORD CALIFORNIA SUPERIOR DAIRY     AM 53143003104912024815 03 07 67 0002340
   131I=ND             133I=ND             137CS=ND            K=1.25E00
   ND                  CHEM

LONE PINE CALIFORNIA LONE PINE DAIRY  AM 51185502704912020335 01 25 67 8390023
   137CS=5.0E00        K=1.2               89SR=0              90SR=3.6

LONE PINE CALIFORNIA LONE PINE DAIRY  PM 51185502704912020882 02 28 67 8390023
   137CS=4.18E00       89SR=1              90SR=2.5

LONE PINE CALIFORNIA LONE PINE DAIRY  PM 51185502704912024857 03 15 67 8390023
   K=1.28E00           89SR=0              90SR=4.6

LONE PINE CALIFORNIA LONE PINE DAIRY  AM 51185502704912024949 04 18 67 8390023
   131I=ND             137CS=1.2E01        K=1.61E00           89SR=1
   90SR=4.4

LONE PINE CALIFORNIA LONE PINE DAIRY  AM 51185502704912025031 05 11 67 1420023
   131I=ND             137CS=1.3E01        140BA=ND            K=1.36E00
   89SR=2              90SR=2.2

LONE PINE CALIFORNIA LONE PINE DAIRY  AM 51185502704912025169 06 15 67 8390023
   131I=ND             137CS=2.4E01        K=1.52E00           89SR=3
   90SR=3.5

MERCED CALIFORNIA SUNSHINE DAIRY      AM 56205004704912025221 06 22 67 0002336
   131I=ND             137CS=ND            K=1.51E00           ND
   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                              COLLECTED

MERCED CALIFORNIA SUNSHINE DAIRY       AM 5620500470491202521 8 06 23 67 0002336
   131I=ND            137CS=ND             K=1.47E00            89SR=1
   90SR=4.0

MERCED CALIFORNIA SUNSHINE DAIRY       AM 56205004704912025222 06 24 67 0002336
   131I=ND            137CS=ND             K=1.58E00            NO
   CHEM

MERCED CALIFORNIA SUNSHINE DAIRY       PM 56205004704912025264 06 25 67 0002336
   131I=ND            137CS=7.0E00         K=1.56E00            NO
   CHEM

MERCED CALIFORNIA SUNSHINE DAIRY       AM 56205004704912025253 06 27 67 0002336
   131I=ND            137CS=ND             K=1.3E00             NO
   CHEM

MERCED CALIFORNIA SUNSHINE DAIRY       AM 56205004704912025357 06 28 67 0002336
   131I=ND            137CS=ND             K=1.35E00            NO
   CHEM

MERCED CALIFORNIA SUNSHINE DAIRY       AM 56205004704912025367 06 30 67 0002336
   131I=ND            137CS=7.0E00         K=1.65E00            NO
   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY    AM 53226003704912020737 02 27 67 0002342
   131I=ND            133I=ND              135I=ND              137CS=ND
   K=1.59E00          NO                   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY    AM 53226003704912020785 02 28 67 0002342
   131I=ND            133I=ND              135I=ND              137CS=ND
   K=1.49E00          NO                   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                           COLLECTED

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 53226003704912020811 03 01 67 0002342
   131I=ND              133I=ND              135I=ND              137CS=ND
   K=1.35E00            NO                   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 53226003704912020904 03 02 67 0002342
   131I=ND              133I=ND              135I=ND              137CS=ND
   K=1.48E00            NO                   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 53226003704912020926 03 03 67 0002342
   131I=ND              133I=ND              137CS=ND             K=1.43E00
   NO                   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 53226003704912020993 03 04 67 0002342
   131I=ND              133I=ND              137CS=ND             K=1.52E00
   NO                   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 53226003704912020995 03 05 67 0002342
   131I=ND              133I=ND              137CS=ND             K=1.37E00
   NO                   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 56226003704912025205 06 22 67 0002342
   131I=ND              137CS=ND             K=1.49E00            89SR=0
   90SR=0.3

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 56226003704912025220 06 23 67 0002342
   131I=ND              137CS=ND             K=1.50E00            89SR=0
   90SR=1.0

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 56226003704912025227 06 24 67 0005342
   131I=ND              137CS=ND             K=1.84E00            NO
   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.

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CALIFORNIA MILK - JAN 1967-JUNE 1967                              COLLECTED

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 56226003704912025229 06 25 67 0005342
   131I=ND             137CS=ND          K=1.51E00             ND
   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 56226003704912025230 06 26 67 0005342
   131I=ND             137CS=ND          K=1.46E00             ND
   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 56226003704912025268 06 27 67 0002342
   131I=ND             137CS=ND          K=1.62E00             ND
   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 56226003704912025273 06 28 67 0002342
   131I=ND             137CS=ND          K=1.40E00             ND
   CHEM

NEWHALL CALIFORNIA BURBANK CREAMERY   AM 56226003704912025360 06 30 67 0002342
   131I=ND             137CS=ND          K=1.51E00             ND
   CHEM

OLANCHA CALIFORNIA HAYHURST RANCH     AM 51237502704913024940 04 18 67 6370020
   131I=ND             137CS=9.0E00      K=1.71E00             89SR=3
   90SR=4.7

OLANCHA CALIFORNIA HAYHURST RANCH     AM 51237502704913025033 05 10 67 6370020
   131I=ND             137CS=ND          140BA=ND              K=1.30E00
   89SR=0              90SR=3.9

OLANCHA CALIFORNIA HAYHURST RANCH     AM 51237502704913025167 06 16 67 6370020
   131I=ND             137CS=ND          K=1.52E00             89SR=2
   90SR=3.0

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                                 COLLECTED

RIVERSIDE CALIFORNIA ORANGE CRST DAIRYPM 53287006504912020768 02 28 67 0002345
   131I=ND              133I=ND             135I=ND             137CS=ND
   K=1.39E00            NO                  CHEM

RIVERSIDE CALIFORNIA ORANGE CRST DAIRYPM 53287006504912020809 02 28 67 0002345
   131I=ND              133I=ND             135I=ND             137CS=ND
   K=1.40E00            NO                  CHEM

RIVERSIDE CALIFORNIA ORANGE CRST DAIRYPM 53287006504912020894 03 01 67 0002345
   131I=ND              133I=ND             135I=ND             137CS=ND
   K=1.31E00            NO                  CHEM

RIVERSIDE CALIFORNIA ORANGE CRST DAIRYPM 53287006504912020923 03 02 67 0002345
   131I=ND              133I=ND             137CS=ND            K=1.38E00
   NO                   CHEM

RIVERSIDE CALIFORNIA ORANGE CRST DAIRYPM 53287006504912020924 03 03 67 0002345
   131I=ND              133I=ND             137CS=ND            K=1.47E00
   NO                   CHEM

SANTA CLARA CALIFORNIA EDELWEISS DAIRYAM 56318008504912025216 06 22 67 0002348
   131I=ND              137CS=ND            K=1.68E00           89SR=2
   90SR=1.4

SANTA CLARA CALIFORNIA EDELWEISS DAIRYAM 56318008504912025258 06 24 67 0002348
   131I=ND              137CS=6.0E00        K=1.50E00           NO
   CHEM

SANTA CLARA CALIFORNIA EDELWEISS DAIRYAM 56318008504912025254 06 25 67 0002348
   131I=ND              137CS=ND            K=1.58E00           NO
   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                             COLLECTED

SANTA CLARA CALIFORNIA EDELWEISS DAIRYAM 5631800850491202526l 06 26 67 0002348
   131I=ND             137CS=6.0E00      K=1.60E00          NO
   CHEM

SANTA CLARA CALIFORNIA EDELWEISS DAIRYPM 5631800850491202536S 06 28 67 0002348
   131I=ND             137CS=ND          K=1.54E00          NO
   CHEM

SANTA CLARA CALIFORNIA EDELWEISS DAIRYAM 5631800850491202S364 06 29 67 0002348
   131I=ND             137CS=ND          K=1.51E00          NO
   CHEM

SANTA CRUZ CALIFORNIA SWISS DAIRY     PM 56319008704912025219 06 23 67 0002333
   131I=ND             137CS=1.6E01      K=1.51E00          89SR=3
   90SR=2.7

SANTA CRUZ CALIFORNIA SWISS DAIRY     AM 56319008704912025256 06 25 67 0002333
   131I=ND             137CS=1.3E01      K=1.34E00          NO
   CHEM

SANTA CRUZ CALIFORNIA SWISS DAIRY     AM 56319008704912025252 06 26 67 0002333
   131I=ND             137CS=8.5E00      K=1.4E00           NO
   CHEM

SANTA CRUZ CALIFORNIA SWISS DAIRY     PM 56319008704912025272 06 27 67 0002333
   131I=ND             137CS=1.7E01      K=1.28E00          NO
   CHEM

SANTA CRUZ CALIFORNIA SWISS DAIRY     PM 56319008704912025359 06 29 67 0002333
   131I=ND             137CS=8.0E00      K=1.36E00          NO
   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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CALIFORNIA MILK - JAN 1967-JUNE 1967                              COLLECTED

SANTA ROSA CALIFORNIA ARLINGTON FARMS AM 56324009704912025406 06 30 67 0002323
   131I=ND             137CS=ND             K=1.60E00           ND
   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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APPENDIX

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COLORADO MILK - JAN 1967-JUNE 1967                            COLLECTED

COLORADO SPRINGS COLORADO                    PM 56009004105812023617 01 05 67
   131I=2.0E01        137CS=1.0E01              K=1.4

COLORADO SPRINGS COLORADO                    PM 56009004105812023633 01 06 67
   137CS=5.0E00       140BA=1.0E00              K=1.3

COLORADO SPRINGS COLORADO                    AM 56009004105812023616 01 07 67
   137CS=5.0E00       K=1.4

COLORADO SPRINGS COLORADO                    AM 56009004105812023674 01 09 67
   137CS=5.0E00       K=1.4

COLORADO SPRINGS COLORADO                    AM 56009004105812023709 01 10 67
   K=1.4

COLORADO SPRINGS COLORADO                    AM 56009004105812023785 01 12 67
   137CS=5.0E00       K=1.3

COLORADO SPRINGS COLORADO                    PM 56009004105812023802 01 12 67
   137CS=5.0E00       K=1.3

COLORADO SPRINGS COLORADO SINTON DAIRYAM 54009004105812020412 02 01 67 0002208
   K=1.0E00           SR89=0                    SR90=4.9

COLORADO SPRINGS COLORADO SINTON DAIRYPM 54009004105812020430 02 02 67 0002208
   137CS=8.0E00       K=1.21E00                 SR89=1              SR90=6.1

DURANGO COLORADO                             PM 56016006705812023622 01 05 67
   137CS=5.0E00       K=1.3                     89SR=7              90SR=4.5

DURANGO COLORADO                             AM 56016006705812023675 01 08 67
   131I=1.0E01        137CS=5.0E00              K=1.3

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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COLORADO MILK - JAN 1967-JUNE 1967                                 COLLECTED

DURANGO COLORADO                        AM 560160006705812023704 01 10 67
   131I=1.0E01        K=1.3

DURANGO COLORADO                           560160006705812023744 01 12 67
   137CS=1.0E01       K=1.3

DURANGO COLORADO CLOVER RICH DAIRY      AM 540160006705812020398 01 31 67 0002209
   K=1.1E00           SR89=1                SR90=5.2

FT COLLINS COLORADO                     PM 560200006905812023635 01 05 67
   137CS=1.0E01       140BA=2.0E01          K=1.2                  SR89=0
   SR90=4.8

FT COLLINS COLORADO                     AM 560200006905812023626 01 07 67
   137CS=5.0E00       140BA=1.0E01          K=1.3

FT COLLINS COLORADO                     AM 560200006905812023669 01 07 67
   131I=1.0E01        137CS=5.0E00          K=1.4

FT COLLINS COLORADO                     AM 560200006905812023671 01 08 67
   137CS=1.0E01       K=1.3

FT COLLINS COLORADO                     AM 560200006905812023685 01 09 67
   137CS=5.0E00       K=1.3

FT COLLIN COLORADO                      PM 560200006905812023731 01 10 67
   K=1.3

FT COLLIN COLORADO                      AM 560200006905812023739 01 11 67
   131I=2.0E01        K=1.4

FT COLLINS COLO. POUDRE VALLEY CRMERY AM 540200006905812020399 02 01 67 0002202
   K=1.1E00           SR89=0                SR90=4.2

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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COLORADO MILK - JAN 1967-JUNE 1967                                COLLECTED

GRAND JCT COLORADO CLYMERS R G DAIRY  AM 56024007705812023563 01 05 67
   131I=1.00E01       137CS=5.00E00       K=1.3               89SR=1
   90SR=3.1

GRAND JCT COLO. CLYMER ROSE GLN DAIRY PM 54024007705812020424 02 01 67 0002205
   137CS=9.2E00       K=1.41E00           SR89=0              SR90=3.8

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                                      COLLECTED

BLACKFOOT IDAHO CAMMACK DAIRY          PM 54002001111812020414 02 01 67 0002230
   137CS=5.0E00        K=1.3E00           SR89=1               SR90=3.5

BLACKFOOT IDAHO CAMMACK DAIRY          AM 53002001111812020754 02 25 67 0002230
   131I=2.1E01         133I=ND            135I=ND              137CS=1.6E01
   K=1.47E00           89SR=0             90SR=5.7

BLACKFOOT IDAHO CAMMACK DAIRY          AM 53002001111812020803 02 28 67 0002230
   131I=ND             133I=ND            135I=ND              137CS=9.55E00
   K=1.14E00           NO                 CHEM

BLACKFOOT IDAHO CAMMACK DAIRY          AM 53002001111812020805 03 01 67 0002230
   131I=ND             133I=ND            135I=ND              137CS=8.90E00
   K=1.41E00           NO                 CHEM

BLACKFOOT IDAHO CAMMACK DAIRY          AM 53002001111812020892 03 02 67 0002230
   131I=ND             133I=ND            135I=ND              137CS=ND
   K=1.36E00           NO                 CHEM

BOISE IDAHO                            PM 56003000111812023623 01 05 67
   131I=1.0E01         137CS=5.0E01       K=1.3                SR89=4
   SR90=4.2

BOISE IDAHO                            PM 56003000111812023629 01 06 67
   141CE=3.0E01        137CS=5.0E00       K=1.2

BOISE IDAHO                            AM 56003000111812023641 01 07 67
   137CS=1.00E00       140BA=1.00E01      K=1.2

BOISE IDAHO                            AM 56003000111812023668 01 09 67
   137CS=1.0E01        K=1.3

BOISE IDAHO                            PM 56003000111812023718 01 09 67
   K=1.4

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                                 COLLECTED

BOISE IDAHO                                PM 56003000111812023752 01 11 67
   K=1.3               140BA=1.0E01           137CS=2.0E01

BOISE IDAHO                                   54003000111811024007 01 31 67
   137CS=5.0E00        K=1.40E00              SR89=3             SR90=4.8

BOISE IDAHO MEADOW GOLD DAIRY              PM 53003000111812020635 02 24 67 0002224
   131I=ND             133I=ND                135I=ND            137CS=6.6E00
   K=1.62E00           NO                     CHEM

BOISE IDAHO MEADOW GOLD DAIRY              PM 53003000111812020629 02 25 67 0002224
   131I=ND             133I=ND                135I=ND            137CS=ND
   K=1.43E00           NO                     CHEM

BOISE IDAHO MEADOW GOLD DAIRY              AM 53003000111812020725 02 26 67 0002224
   131I=ND             133I=ND                135I=ND            137CS=ND
   K=1.38E00           NO                     CHEM

BOISE IDAHO MEADOW GOLD DAIRY              AM 53003000111812020781 02 27 67 0002224
   131I=ND             133I=ND                135I=ND            137CS=ND
   K=1.37E00           NO                     CHEM

BOISE IDAHO MEADOW GOLD DAIRY              AM 53003000111812020782 02 28 67 0002224
   131I=ND             133I=ND                135I=ND            137CS=ND
   K=1.27E00           NO                     CHEM

BOISE IDAHO MEADOW GOLD DAIRY              AM 53003000111812020871 03 01 67 0002224
   131I=ND             133I=ND                135I=ND            137CS=ND
   K=1.13E00           89SR=0                 90SR=6.0

BOISE IDAHO MEADOW GOLD DAIRY              AM 53003000111812020947 03 02 67 0002224
   131I=ND             133I=ND                137CS=ND           K=1.40E00
   NO                  CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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APPENDIX

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IDAHO MILK - JAN 1967-JUNE 1967                             COLLECTED

BUHL IDAHO                                   AM 56004008311812023632 01 05 67
   131I=1.0E01         137CS=1.0E01             K=1.2

BUHL IDAHO                                   AM 56004008311812023634 01 06 67
   131I=3.00E01        137CS=1.00E00            K=1.3             SR89=1
   SR90=3.8

BUHL IDAHO                                   AM 56004008311812023627 01 07 67
   137CS=2.00E01       140BA=1.00E01            K=1.1

BUHL IDAHO                                   AM 56004008311812023678 01 09 67
   131I=1.0E01         137CS=1.0E01             K=1.3

BUHL IDAHO                                   AM 56004008311812023707 01 10 67
   K=1.2

BUHL IDAHO                                   AM 56004008311812023788 01 11 67
   131I=2.0E01         137CS=1.5E01             K=1.4

BUHL IDAHO SMITH DAIRY                       AM 54004008311812020396 01 31 67 0002226
   137CS=5.0E00        K=1.3E00                 SR89=2            SR90=2.9

BUHL IDAHO SMITH DAIRY                       PM 53004008311812020631 02 24 67 0002226
   131I=ND             133I=ND                  135I=ND           137CS=ND
   K=1.30E00           ND                       CHEM

BUHL IDAHO SMITH DAIRY                       PM 53004008311812020732 02 26 67 0002226
   131I=ND             133I=ND                  135I=ND           137CS=ND
   K=1.50E00           ND                       CHEM

BUHL IDAHO SMITH DAIRY                       PM 53004008311812020777 02 27 67 0002226
   131I=ND             133I=ND                  135I=ND           137CS=1.10E01
   K=1.19E00           89SR=0                   90SR=5.3

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                             COLLECTED

BUHL IDAHO SMITH DAIRY                       PM 5300400831181202O812 02 28 67 0002226
   131I=ND              133I=ND                 135I=ND            137CS=ND
   K=1.49E00            NO                      CHEM

BUHL IDAHO SMITH DAIRY                       AM 5300400831181202O897 03 01 67 0002226
   131I=ND              133I=ND                 135I=ND            137CS=9.00E00
   K=1.15E00            NO                      CHEM

BUHL IDAHO SMITH DAIRY                       AM 53004008311812020942 03 02 67 0002226
   131I=ND              133I=ND                 137CS=ND           K=1.41E00
   NO                   CHEM

BUHL IDAHO SMITH DAIRY                       PM 53004008311812020932 03 03 67 0002226
   131I=ND              133I=ND                 137CS=ND           K=1.38E00
   NO                   CHEM

BURLEY IDAHO                                    54005000311811024005 02 01 67
   K=1.40E00            SR89=0                  SR90=4.4

BURLEY IDAHO WYMORE DAIRY                    AM 53005000311812020614 02 24 67 0002228
   131I=ND              133I=ND                 137CS=ND           K=1.41E00
   NO                   CHEM

BURLEY IDAHO WYMORE DAIRY                    AM 53005000311812020630 02 25 67 0002228
   131I=ND              133I=ND                 135I=ND            137CS=ND
   K=1.12E00            NO                      CHEM

BURLEY IDAHO WYMORE DAIRY                    AM 53005000311812020753 02 26 67 0002228
   131I=ND              133I=ND                 135I=ND            137CS=ND
   K=1.60E00            NO                      CHEM

BURLEY IDAHO WYMORE DAIRY                    AM 53005000311812020740 02 27 67 0002228
   131I=ND              133I=ND                 135I=ND            137CS=ND
   K=1.41E00            NO                      CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                                    COLLECTED

BURLEY IDAHO WYMORE DAIRY               AM 53005000311812020759 02 28 67 0002228
   131I=ND              133I=ND            135I=ND             137CS=7.05E00
   K=1.28E00            NO                 CHEM

BURLEY IDAHO WYMORE DAIRY               AM 53005000311812020801 03 01 67 0002228
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.29E00            NO                 CHEM

BURLEY IDAHO WYMORE DAIRY               AM 53005000311812020888 03 02 67 0002228
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.27E00            NO                 CHEM

COUER D'ALENE IDAHO COUER D'ALENE CRMYPM 53007005511812020726 02 24 67 0002221
   131I=ND              133I=ND            135I=ND             137CS=2.26E01
   K=1.58E00            NO                 CHEM

COUER D'ALENE IDAHO COUER D'ALENE CRMYPM 53007005511812020727 02 25 67 0002221
   131I=ND              133I=ND            135I=ND             137CS=1.22E01
   K=1.64E00            NO                 CHEM

COUER D'ALENE IDAHO COUER D'ALENE CRMYPM 53007005511812020875 02 26 67 0002221
   131I=ND              133I=ND            135I=ND             137CS=1.56E01
   K=1.40E00            NO                 CHEM

COUER D'ALENE IDAHO COUBR D'ALENE CRMYPM 53007005511812020874 03 01 67 0002221
   131I=ND              133I=ND            135I=ND             137CS=1.48E01
   K=1.34E00            89SR=1             90SR=17.4

COUER D'ALENE IDAHO COUER D'ALENE CRMYPM 53007005511812024822 03 02 67 0002221
   131I=ND              133I=ND            137CS=2.49E01       K=1.44E00
   NO                   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                              COLLECTED

COUER D'ALENE IDAHO COUER D'ALENE CRMYPM 53007005511812024824 03 06 67 0002221
   131I=ND            133I=ND            137CS=2.18E01      K=1.30E00
   NO                 CHEM

GRANGEVILLE IDAHO                        56012004911812023825 01 05 67
   131I=2.0E01        137CS=3.0E01       K=1.5

GRANGEVILLE IDAHO                        56012004911812023820 01 06 67
   137CS=1.0E01       K=1.3

GRANGEVILLE IDAHO                        56012004911812023816 01 07 67
   137CS=1.0E01       K=1.4              SR89=3             SR90=6.2

GRANGEVILLE IDAHO                        56012004911812023826 01 08 67
   137CS=2.5E01       K=1.4

GRANGEVILLE IDAHO                        56012004911812023824 01 09 67
   131I=1.0E01        137CS=1.5E01       K=1.3

GRANGEVILLE IDAHO                        56012004911812023827 01 10 67
   K=1.5

GRANGEVILLE IDAHO                        56012004911812023822 01 11 67
   137CS=5.0E00       K=1.4

GRANGEVILLE IDAHO GRANGEVILLE CREAMERYAM 54012004911812020423 02 01 67 0002223
   137CS=1.7E01       K=1.12E00          SR89=1             SR90=8.2

GRANGEVILLE IDAHO GRANGEVILLE CRMY    PM 53012004911812020998 02 25 67 0002223
   131I=ND            133I=ND            137CS=ND           K=1.33E00
   NO                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                                 COLLECTED

GRANGEVILLE IDAHO GRANGEVILLE CRMY    AM 5301200491181202099O 02 26 67 0002223
   131I=ND             133I=ND            137CS=7.35E00       K=1.65E00
   ND                  CHEM

GRANGEVILLE IDAHO GRANGEVILLE CRMY    AM 530120049118120209 91 02 27 67 0002223
   131I=ND             133I=ND            137CS=ND            K=1.50E00
   ND                  CHEM

GRANGEVILLE IDAHO GRANGEVILLE CRMY    AM 53012004911812024809 02 28 67 0002223
   131I=ND             133I=ND            137CS=ND            K=1.44E00
   ND                  CHEM

GRANGEVILLE IDAHO GRANGEVILLE CRMY    AM 53012004911812020992 03 02 67 0002223
   131I=ND             133I=ND            137CS=ND            K=1.49E00
   ND                  CHEM

GRANGEVILLE IDAHO GRANGEVILLE CRMY    AM 53012004911812020994 03 03 67 0002223
   131I=ND             133I=ND            137CS=ND            K=1.59E00
   ND                  CHEM

GRANGEVILLE IDAHO GRANGEVILLE CRMY    AM 53012004911812020997 03 04 67 0002223
   131I=ND             133I=ND            137CS=9.56E00       K=1.43E00
   ND                  CHEM

IDAHO FALLS IDAHO                     AM 56013001911812023615 01 05 67
   131I=1.0E01         137CS=2.0E01       K=1.4               89SR=0
   90SR=9.0

IDAHO FALLS IDAHO                     AM 56013001911812023619 01 06 67
   131I=1.00E01        137CS=5.00E00      K=1.3

IDAHO FALLS IDAHO                     AM 56013001911812023679 01 07 67
   137CS=1.5E01        140BA=1.0E01       K=1.3

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                               COLLECTED

IDAHO FALLS IDAHO                     AM 560130019118120236B6 01 08 67
   137CS=1.5E01        K=1.3

IDAHO FALLS IDAHO                        56013001911812023698 01 09 67
   137CS=1.5E01        140BA=1.0E01       K=1.3

IDAHO FALLS IDAHO                     AM 56013001911812023716 01 10 67
   137CS=2.0E01        K=1.4

IDAHO FALLS IDAHO                     AM 56013001911812023751 01 11 67
   137CS=1.0E01        K=1.3

IDAHO FALLS IDAHO WALLACE DAIRY       PM 54013001911812020400 02 01 67 0002231
   137CS=1.0E01        K=1.1E00           SR89=0             SR90=6.8

IDAHO FALLS IDAHO WALLACE DAIRY       AM 53013001911812020632 02 24 67 0002231
   131I=ND             133I=ND            135I=ND            137CS=ND
   K=1.19E00           NO                 CHEM

IDAHO FALLS IDAHO WALLACE DAIRY       AM 53013001911812020734 02 26 67 0002231
   131I=ND             133I=ND            135I=ND            137CS=ND
   K=1.48E00           NO                 CHEM

IDAHO FALLS IDAHO WALLACE DAIRY       AM 53013001911812020741 02 27 67 0002231
   131I=ND             133I=ND            135I=ND            137CS=1.34E01
   K=1.18E00           NO                 CHEM

IDAHO FALLS IDAHO WALLACE DAIRY       AM 53013001911812020799 02 28 67 0002231
   131I=ND             133I=ND            135I=ND            137CS=9.86E00
   K=1.29E00           NO                 CHEM

IDAHO FALLS IDAHO WALLACE DAIRY       AM 53013001911812020806 03 01 67 0002231
   131I=ND             133I=ND            135I=ND            137CS=9.77E00
   K=1.29E00           NO                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCL/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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APPENDIX

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IDAHO MILK - JAN 1967-JUNE 1967                                    COLLECTED

IDAHO FALLS IDAHO WALLACE DAIRY       AM 53013001911812020952 03 02 67 0002231
   131I=ND              133I=ND          137CS=1.56E01       K=1.38E00
   NO                   CHEM

IDAHO FALLS IDAHO WALLACE DAIRY       AM 53013001911812020948 03 03 67 0002231
   131I=ND              133I=ND          137CS=ND            K=1.59E00
   NO                   CHEM

JEROME IDAHO IDA GEM DAIRYMEN INC.    PM 54014005311812020397 01 31 67 0002227
   K=1.3E00             SR89=1           SR90=6.8

JEROME IDAHO IDA GEM DAIRYMEN INC     PM 54014005311812020427 02 03 67 0002227
   131I=110E01          137CS=1.5E01     K=1.3E00            SR89=0
   SR90=5.8

JEROME IDAHO IDA GEM DAIRYMEN         AM 54014005311812024160 02 04 67 0002227
   137CS=3.86E00        K=1.15E00        SR89=0              SR90=6.8

JEROME IDAHO IDA GEM DAIRYMEN         AM 53014005311812020616 02 24 67 0002227
   131I=ND              133I=ND          137CS=ND            K=1.72E00
   NO                   CHEM

JEROME IDAHO IDA GEM DAIRYMEN         AM 53014005311812020700 02 25 67 0002227
   131I=ND              133I=ND          135I=ND             137CS=ND
   K=1.45E00            NO               CHEM

JEROME IDAHO IDA GEM DAIRYMEN         AM 53014005311812020752 02 26 67 0002227
   131I=ND              133I=ND          135I=ND             137CS=ND
   K=1.41E00            NO               CHEM

JEROME IDAHO IDA GEM DAIRYMEN         AM 53014005311812020755 02 27 67 0002227
   131I=ND              133I=ND          135I=ND             137CS=ND
   K=1.66E00            NO               CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                                  COLLECTED

JEROME IDAHO IDA GEM DAIRYMEN          AM 5301400531181202078O 02 28 67 0002227
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.44E00            NO                 CHEM

JEROME IDAHO IDA GEM DAIRYMEN          AM 5301400531181202O872 03 01 67 0002227
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.32E00            NO                 CHEM

LEWISTON IDAHO GOLDEN GRAIN DAIRY      AM 5301600691181202O757 02 25 67 0002222
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.74E00            NO                 CHEM

LEWISTON IDAHO GOLDEN GRAIN DAIRY      PM 5301600691181202O771 02 26 67 0002222
   131I=ND              133I=ND            135I=ND             137CS=1.47E01
   K=1.4E00             NO                 CHEM

LEWISTON IDAHO GOLDEN GRAIN DAIRY      AM 5301600691181202O901 02 28 67 0002222
   131I=ND              133I=ND            135I=ND             137CS=8.70E00
   K=1.51E00            NO                 CHEM

LEWISTON IDAHO GOLDEN GRAIN DAIRY      AM 5301600691181202O902 03 01 67 0002222
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.35E00            NO                 CHEM

LEWISTON IDAHO GOLDEN GRAIN DAIRY      AM 5301600691181202O962 03 02 67 0002222
   131I=ND              133I=ND            137CS=1.87E01       K=1.58E00
   NO                   CHEM

LEWISTON IDAHO GOLDEN GRAIN DAIRY      AM 5301600691181202O987 03 03 67 0002222
   131I=ND              133I=ND            137CS=ND            K=1.31E00
   NO                   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                                    COLLECTED

MT HOME IDAHO CLOVER HOLLOW DAIRY      PM 54020003911812020426 02 01 67 0002225
   131I=2.7E01        137CS=1.9E01        140BA=1.5E01        K=1.19E00
   SR89=1             SR90=4.9

MTN HOME IDAHO CLOVER HOLLOW DAIRY     PM 53020003911812020698 02 24 67 0002225
   131I=ND            133I=ND             135I=ND             137CS=ND
   K=1.18E00          NO                  CHEM

MTN HOME IDAHO CLOVER HOLLOW DAIRY     PM 53020003911812020877 02 25 67 0002225
   131I=ND            133I=ND             135I=ND             137CS=1.05E01
   K=1.33E00          NO                  CHEM

MTN HOME IDAHO CLOVER HOLLOW DAIRY     PM 53020003911812020866 02 26 67 0002225
   131I=ND            133I=ND             135I=ND             137CS=1.04E01
   K=1.24E00          NO                  CHEM

MTN HOME IDAHO CLOVER HOLLOW DAIRY     PM 53020003911812020876 02 27 67 0002225
   131I=ND            133I=ND             135I=ND             137CS=1.09E01
   K=1.29E00          NO                  CHEM

MTN HOME IDAHO CLOVER HOLLOW DAIRY     PM 53020003911812020861 02 28 67 0002225
   131I=ND            133I=ND             135I=ND             137CS=7.76E00
                      NO                  CHEM

MTN HOME IDAHO CLOVER HOLLOW DAIRY     PM 53020003911812024814 03 01 67 0002225
   131I=ND            133I=ND             137CS=ND            K=1.32E00
   NO                 CHEM

MTN HOME IDAHO CLOVER HOLLOW DAIRY     PM 53020003911812024817 03 02 67 0002225
   131I=ND            133I=ND             137CS=ND            K=1.02E00
   NO                 CHEM

POCATELLO IDAHO WARD DAIRY             AM 54024000511812020388 02 01 67 0002229
   137CS=1.0E01       K=1.1E00            SR89=0              SR90=7.1

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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IDAHO MILK - JAN 1967-JUNE 1967                                   COLLECTED

POCATELLO IDAHO WARD DAIRY              AM 54024000511812020413 02 02 67 0002229
   137CS=5.0E00        K=1.3E00            140BA=1.0E01          SR89=0
   SR90=517

POCATELLO IDAHO WARD DAIRY              AM 54024000511812020422 02 03 67 0002229
   137CS=1.5E01        K=1.4E00            SR89=1                SR90=5.7

POCATELLO IDAHO WARD DAIRY              AM 54024000511812020431 02 04 67 0002229
   137CS=9.05E00       K=1.24E00           SR89=0                SR90=8.0

POCATELLO IDAHO WARDS DAIRY             AM 53024000511812020612 02 23 67 0002229
   131I=ND             133I=ND             137CS=ND              K=1.40E00
   ND                  CHEM

POCATELLO IDAHO WARDS DAIRY             AM 53024000511812020624 02 25 67 0002229
   131I=ND             133I=ND             135I=ND               137CS=ND
   K=1.43E00           ND                  CHEM

POCATELLO IDAHO WARDS DAIRY             AM 53024000511812020739 02 27 67 0002229
   131I=ND             133I=ND             135I=ND               137CS=ND
   K=1.23E00           ND                  CHEM

POCATELLO IDAHO WARDS DAIRY             AM 53024000511812020766 02 28 67 0002229
   131I=ND             133I=ND             135I=ND               137CS=1.16E01
   K=1.35E00           ND                  CHEM

POCATELLO IDAHO WARDS DAIRY             AM 53024000511812020863 03 01 67 0002229
   131I=ND             133I=ND             135I=ND               137CS=5.96E00
   K=1.28E00           ND                  CHEM

POCATELLO IDAHO WARDS DAIRY             PM 53024000511812020905 03 02 67 0002229
   131I=ND             133I=ND             135I=ND               137CS=ND
   K=1.33E00           ND                  CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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MONTANA MILK - JAN 1967-JUNE 1967                                 COLLECTED

BIG TIMBER MONTANA SWEET GRASS DAIRY  AM 5300180972581202089O 03 01 67 0002250
   131I=ND            133I=ND              135I=ND            137CS=1.21E01
   K=1.28E00          ND                   CHEM

BIG TIMBER MONTANA SWEET GRASS DAIRY  AM 53001809725812020964 03 02 67 0002250
   131I=ND            133I=ND              137CS=1.51E01      K=1.18E00
   ND                 CHEM

BIG TIMBER MONTANA SWEET GRASS DAIRY  AM 53001809725812020927 03 03 67 0002250
   131I=ND            133I=ND              137CS=8.98E00      K=1.36E00
   ND                 CHEM

BIG TIMBER MONTANA SWEET GRASS DAIRY  AM 53001809725812020955 03 04 67 0002250
   131I=ND            133I=ND              137CS=ND           K=1.73E00
   ND                 CHEM

BIG TIMBER MONTANA SWEET GRASS DAIRY  AM 53001809725812024810 03 05 67 0002250
   131I=ND            133I=ND              137CS=ND           K=1.30E00
   ND                 CHEM

BIG TIMBER MONTANA SWEET GRASS DAIRY  AM 53001809725812024802 03 06 67 0002250
   131I=ND            133I=ND              137CS=ND           K=1.23E00
   ND                 CHEM

BIG TIMBER MONTANA SWEET GRASS DAIRY  AM 53001809725812024816 03 07 67 0002250
   131I=ND            133I=ND              137CS=ND           K=1.27E00
   ND                 CHEM

BILLINGS MONTANA                           56002011125812023719 01 08 67
   K=1.4              140BA=1.0E01         89SR=2             90SR=6.0

BILLINGS MONTANA                           56002011125812023705 01 09 67
   K=1.5

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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MONTANA MILK - JAN 1967-JUNE 1967                               COLLECTED

BILLINGS MONTANA                                  56002011125812023745 01 10 67
   137CS=1.0E01        K=1.2                      140BA=1.0E01

BILLINGS MONTANA                                  56002011125812023748 01 11 67
   137CS=1.0E01        K=1.4

BILLINGS MONTANA                                  56002011125812023798 01 12 67
   137CS=1.0E01        K=1.2

BILLINGS MONTANA                                  56002011125812023784 01 13 67
   137CS=2.5E01        K=1.4

BILLINGS MONTANA                                  56002011125812023808 01 14 67
   137CS=1.5E01        K=1.3

BILLINGS MONTANA BEATRICE FOODS                PM 53002011125812020895 03 01 67 0002251
   131I=ND             133I=ND                    135I=ND            137CS=1.14E01
   K=1.20E00           89SR=0                     90SR=4.3

BILLINGS MONTANA BEATRICE FOODS                AM 53002011125812020898 03 02 67 0002251
   131I=ND             133I=ND                    135I=ND            137CS=ND
   K=1.37E00           NO                         CHEM

BILLINGS MONTANA BEATRICE FOODS                AM 53002011125812020944 03 02 67 0002251
   131I=ND             133I=ND                    137CS=ND           K=1.44E00
   NO                  CHEM

BILLINGS MONTANA BEATRICE FOODS                AM 53002011125812020986 03 04 67 0002251
   131I=ND             133I=ND                    137CS=ND           K=1.59E00
   NO                  CHEM

BILLINGS MONTANA BEATRICE FOODS                AM 53002011125812020983 03 05 67 0002251
   131I=ND             133I=ND                    137CS=ND           K=1.22E00
   NO                  CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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MONTANA MILK - JAN 1967-JUNE 1967                            COLLECTED

BILLINGS MONTANA BEATRICE FOODS        AM 53002011125812024807 03 06 67 0002251
   131I=ND             133I=ND            137CS=ND             K=1.35E00
   ND                  CHEM

BILLINGS MONTANA BEATRICE FOODS        AM 53002011125812024848 03 07 67 0002251
   131I=ND             133I=ND            135I=ND              137CS=ND
   K=1.50E00           ND                 CHEM

BOZEMAN MONTANA                        PM 56003003125812023746 01 11 67
   137CS=1.5E01        K=1.4              SR89=5               SR90=7.9

BOZEMAN MONTANA                        PM 56003003125812023799 01 12 67
   137CS=2.5E01        K=1.4

BOZEMAN MONTANA                        AM 56003003125812023779 01 13 67
   137CS=2.5E01        K=1.3

BOZEMAN MONTANA                        AM 56003003125812023771 01 14 67
   131I=2.0E01         137CS=3.0E01       K=1.3

BOZEMAN MONTANA                           56003003125812023821 01 15 67
   137CS=2.0E01        K=1.3

BOZEMAN MONTANA                           56003003125812023817 01 16 67
   137CS=2.0E01        K=1.3

BOZEMAN MONTANA                        PM 56003003125812023839 01 17 67
   131I=1.0E01         137CS=2.5E01       140BA=1.0E01         K=1.3

BOZEMAN MONTANA DARIGOLD FARMS         AM 53003003125812020864 02 28 67 0002249
   131I=ND             133I=ND            135I=ND              137CS=1.45E01
   K=1.31E00           ND                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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MONTANA MILK - JAN 1967-JUNE 1967                                      COLLECTED

BOZEMAN MONTANA DARIGOLD FARMS        AM 53003003125812020869 03 01 67 0002249
   131I=ND             133I=ND           135I=ND             137CS=1.52E01
   K=1.30E00           ND                CHEM

BOZEMAN MONTANA DARIGOLD FARMS        AM 53003003125812020941 03 03 67 0002249
   131I=ND             133I=ND           137CS=ND            K=1.39E00
   ND                  CHEM

BOZEMAN MONTANA DARIGOLD FARMS        AM 53003003125812020933 03 04 67 0002249
   131I=ND             133I=ND           137CS=ND            K=1.51E00
   ND                  CHEM

BOZEMAN MONTANA DARIGOLD FARMS        AM 53003003125812024805 03 05 67 0002249
   131I=ND             133I=ND           137CS=ND            K=1.20E00
   ND                  CHEM

BOZEMAN MONTANA DARIGOLD FARMS        AM 53003003125812024803 03 06 67 0002249
   131I=ND             133I=ND           137CS=ND            K=1.34E00
   ND                  CHEM

BOZEMAN MONTANA DARIGOLD FARMS        AM 53003003125812024819 03 07 67 0002249
   131I=ND             133I=ND           137CS=1.64E01       K=1.42E00
   ND                  CHEM

GREAT FALLS MONTANA                   PM 56013001325812023733 01 10 67
   131I=1.0E01         K=1.3             89SR=2              90SR=7.2

GREAT FALLS MONTANA                   PM 56013001325812023846 01 12 67
   137CS=2.0E01        K=1.2

GREAT FALLS MONTANA                   AM 56013001325812023841 01 13 67
   131I=2.0E01         137CS=2.5E01      140BA=3.0E01        K=1.2

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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MONTANA MILK - JAN 1967-JUNE 1967                                 COLLECTED

GREAT FALLS MONTANA                               PM 560130013258120238 42 01 14 67
   137CS=2.0E01        K=1.3

GREAT FALLS MONTANA                               PM 5601300132581202384 4 01 15 67
   131I=1.0E01         137CS=2.5E01                  K=1.3

GREAT FALLS MONTANA                               PM 5601300132581202384 3 01 16 67
   137CS=2.5E01        K=1.2

GREAT FALLS MONTANA                                  5601300132581202384 0 01 17 67
   131I=1.0E01         137CS=2.5E01                  K=1.2

MILES CITY MONTANA SANITARY DAIRY                 AM 530220017258120207 58 02 27 67 0002252
   131I=ND             133I=ND                       135I=ND           137CS=1.01E01
   K=1.34E00           NO                            CHEM

MILES CITY MONTANA SANITARY DAIRY                 AM 530220017258120208 04 02 28 67 0002252
   131I=ND             133I=ND                       135I=ND           137CS=9.26E00
   K=1.27E00           NO                            CHEM

MILES CITY MONTANA SANITARY DAIRY                 AM 530220017258120208 99 03 01 67 0002252
   131I=ND             133I=ND                       135I=ND           137CS=ND
   K=1.5E00            NO                            CHEM

MILES CITY MONTANA SANITARY DAIRY                 AM 530220017258120209 66 03 02 67 0002252
   131I=ND             133I=ND                       137CS=ND          K=1.42E00
   NO                  CHEM

MILES CITY MONTANA SANITARY DAIRY                 AM 530220017258120209 43 03 03 67 0002252
   131I=ND             133I=ND                       137CS=ND          K=1.33E00
   NO                  CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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MONTANA MILK - JAN 1967-JUNE 1967                                COLLECTED

MILES CITY MONTANA SANITARY DAIRY     AM 5302200172581202O954 03 04 67 0002252
   131I=ND            133I=ND            137CS=ND           K=1.21E00
   NO                 CHEM

MILES CITY MONTANA SANITARY DAIRY     AM 53022001725812020999 03 05 67 0002252
   131I=ND            133I=ND            137CS=ND           K=1.11E00
   NO                 CHEM

MISSOULA MONTANA                      PM 56023006325812023800 01 09 67
   137CS=2.5E01       K=1.2              89SR=0             90SR=10.0

MISSOULA MONTANA                      AM 56023006325812023782 01 10 67
   137CS=2.5E01       K=1.3

MISSOULA MONTANA                      AM 56023006325812023786 01 10 67
   137CS=2.5E01       K=1.3

MISSOULA MONTANA                      AM 56023006325812023778 01 11 67
   131I=1.0E01        137CS=1.5E01       K=1.4

MISSOULA MONTANA                      AM 56023006325812023790 01 12 67
   137CS=2.0E01       K=1.3

MISSOULA MONTANA                      AM 56023006325812023795 01 13 67
   137CS=2.5E01       K=1.4

MISSOULA MONTANA                      AM 56023006325812023777 01 14 67
   137CS=2.5E01       K=1.3

MISSOULA MONTANA COMMUNITY CREAMERY   AM 53023006325812020774 02 26 67 0002244
   131I=ND            133I=ND            135I=ND            137CS=1.48E01
   K=1.47E00          NO                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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MONTANA MILK - JAN 1967-JUNE 1967                                   COLLECTED

MISSOULA MONTANA COMMUNITY CREAMERY   AM 53023006325812020760 02 27 67 0002244
   131I=ND              133I=ND            135I=ND              137CS=6.42E00
   K=1.29E00            NO                 CHEM

MISSOULA MONTANA COMMUNITY CREAMERY   AM 53023006325812020865 03 01 67 0002244
   131I=ND              133I=ND            135I=ND              137CS=2.29E01
   K=1.22E00            NO                 CHEM

MISSOULA MONTANA COMMUNITY CREAMERY   AM 53023006325812020896 03 01 67 0002244
   131I=ND              133I=ND            135I=ND              137CS=1.77E01
   K=1.34E00            NO                 CHEM

MISSOULA MONTANA COMMUNITY CREAMERY   AM 53023006325812020981 03 03 67 0002244
   131I=ND              133I=ND            137CS=7.29E00       K=1.42E00
   NO                   CHEM

MISSOULA MONTANA COMMUNITY CREAMERY   PM 53023006325812020985 03 03 67 0002244
   131I=ND              133I=ND            137CS=1.33E01       K=1.47E00
   NO                   CHEM

MISSOULA MONTANA COMMUNITY CREAMERY   PM 53023006325812024808 03 05 67 0002244
   131I=ND              133I=ND            137CS=ND            K=1.19E00
   NO                   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
     FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
     SURVEILLANCE AIR RESULTS ARE PCI/M3,
     SOIL RESULTS ARE PCI/GM,
     LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                              COLLECTED

ALAMO NEVADA STEWART DAIRY                 5101400172791202033 9 01 27 67 8430078
   137CS=1.0E01       K=1.2                89SR=1             90SR=3.0

ALAMO NEVADA STEWART DAIRY              AM 53014001727912020534 02 24 67 6912078
   131I=ND            133I=ND              135I=ND            137CS=ND
   140BA=ND           K=1.28E00            ND                 CHEM

ALAMO NEVADA STEWART DAIRY              PM 53014001727912020702 02 25 67 6912078
   131I=ND            133I=ND              137CS=ND           K=1.50E00
   ND                 CHEM

ALAMO NEVADA STEWART DAIRY              PM 51014001727912024839 03 08 67 9990078
   K=1.42E00          89SR=1               90SR=2.6

ALAMO NEVADA STEWART DAIRY              PM 51014001727912024967 04 19 67 9990078
   131I=ND            137CS=ND             K=1.50E00          89SR=4
   90SR=0.5

ALAMO NEVADA STEWART DAIRY              AM 51014001727912025078 05 23 67 5470078
   131I=ND            137CS=1.3E01         140BA=ND           K=1.57E00
   89SR=1             90SR=3.0

ALAMO NEVADA M K STEWART DAIRY          PM 51014001727912025104 06 06 67 9470078
   131I=ND            137CS=1.0E01         K=1.64E00          89SR=2
   90SR=2.6

ALAMO NEVADA M K STEWART DAIRY          AM 56014001727912025226 06 26 67 9492078
   131I=ND            137CS=6.0E00         K=1.62E00          89SR=3
   90SR=2.0

AUSTIN NEVADA YOUNG RANCH               PM 51018701527913020225 01 11 67 1700010
   137CS=2.5E01       K=1.4                89SR=0             90SR=7.6

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                                  COLLECTED

AUSTIN NEVADA YOUNG RANCH             PM 5401870152791302O433 02 04 67 1702010
   137CS=8.11E01      K=1.46E00          SR89=0               SR90=10.5

AUSTIN NEVADA YOUNG RANCH             PM 5301870152791302O640 02 24 67 1732010
   131I=ND            133I=ND            135I=ND              137CS=ND
   K=1.56E00          NO                 CHEM

AUSTIN NEVADA YOUNG RANCH                5301870152791302O717 02 26 67 1732010
   131I=ND            133I=ND            135I=ND              137CS=ND
   K=1.53E00          NO                 CHEM

AUSTIN NEVADA YOUNG RANCH             AM 5301870152791302O919 03 01 67 1732010
   131I=ND            133I=ND            135I=ND              137CS=1.13E01
   K=1.70E00          NO                 CHEM

AUSTIN NEVADA YOUNG RANCH             PM 51018701527913024918 03 29 67 4900010
   137CS=1.60E01      K=1.62E00          89SR=3               90SR=7.4

AUSTIN NEVADA YOUNG RANCH             AM 51018701527913024989 05 03 67 8390010
   131I=ND            137CS=1.6E01       K=1.60E00            89SR=4
   90SR=7.1

AUSTIN NEVADA YOUNGS RANCH            AM 51018701527913025172 06 15 67 6390010
   131I=ND            137CS=2.0E01       K=1.63E00            89SR=8
   90SR=8.3

AUSTIN NEVADA TRIPLE T RANCH          AM 51018701527913025464 07 12 67 6390016
   131I=ND            137CS=1.3E01       K=1.50E00

AUSTIN NEVADA WILLOW CREEK RANCH      AM 5301870152791302O649 02 25 67 1202034
   131I=ND            133I=ND            135I=ND              137CS=ND
   K=1.63E00          NO                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
     FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
     SURVEILLANCE AIR RESULTS ARE PCI/M3,
     SOIL RESULTS ARE PCI/GM,
     LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                          COLLECTED

AUSTIN NEVADA HEFFERN RANCH         PM 53018701527913020710 02 26 67 1332176
   131I=ND          133I=ND            135I=ND           137CS=1.21E01
   K=1.11E00        ND                 CHEM

AUSTIN NEVADA HEFFERN RANCH         PM 53018701527913020716 02 26 67 1332176
   131I=ND          133I=ND            135I=ND           137CS=2.41E01
   K=1.37E00        ND                 CHEM

AUSTIN NEVADA TTT RANCH             AM 53018702327913020712 02 26 67 1732016
   131I=ND          133I=ND            135I=ND           137CS=ND
   K=1.10E00        ND                 CHEM

BAKER NEVADA CUMMINGS RANCH         PM 53020403327913020655 02 25 67 6392136
   131I=ND          133I=ND            135I=ND           137CS=ND
   K=1.50E00        ND                 CHEM

BAKER NEVADA ELDRIDGE RANCH         AM 53020403327913020643 02 25 67 6392137
   131I=ND          133I=ND            135I=ND           137CS=7.18E00
   K=1.22E00        ND                 CHEM

CALIENTE NEVADA YOUNGS RANCH        PM 51030401727913020338 01 25 67 1400067
   137CS=5.0E00     K=1.1              89SR=2            90SR=0.4

CALIENTE NEVADA YOUNG RANCH         PM 51030401727913024843 03 08 67 6490067
   K=1.41E00        89SR=2             90SR=2.4

CARLIN NEVADA RAND RANCH            AM 54030600727913020490 02 03 67 0000059
   137CS=5.8E00     K=1.3E0            89SR=0            90SR=4.3

CURRANT NEVADA BLUE EAGLE RANCH     PM 54038602327913020420 01 31 67 1702099
   137CS=9.2E01     K=1.22E00          SR89=5            SR90=4.1

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                              COLLECTED

CURRANT NEVADA BLUE EAGLE RANCH          PM 53038602327913020653 02 24 67 1702099
   131I=ND            133I=ND               137CS=2.6E01       K=1.36E00
   135I=ND            NO                    CHEM

CURRANT NEVADA BLUE EAGLE RANCH          PM 53038602327913020968 03 01 67 1702099
   131I=ND            133I=ND               137CS=3.81E01      K=1.38E00
   NO                 CHEM

CURRANT NEVADA BLUE EAGLE RANCH          PM 51038602327913020978 03 02 67 1700099
   137CS=9.30E01      K=1.26E00             89SR=0             90SR=8.1

CURRANT NEVADA BLUE EAGLE RANCH          PM 51038602327913026080 04 20 67 0000099
   131I=ND            137CS=3.8E01          K=1.14E00          89SR=1
   90SR=7.2

CURRANT NEVADA BLUE EAGLE RANCH          PM 51038602327913025068 05 14 67 4930099
   131I=ND            137CS=4.8E01          140BA=ND           K=1.35E00
   89SR=0             90SR=9.4

CURRIE NEVADA KITT LEAR RANCH            AM 54038800727913020492 02 01 67 0000100
   K=1.3E00           89SR=0                90SR=5.7

CURRIE NEVADA KITT LEAR RANCH            AM 54038800727913020491 02 02 67 0000100
   K=1.3E00           89SR=0                90SR=6.2

CURRIE NEVADA KITT LEAR RANCH            PM 54038800727913020489 02 07 67 7700100
   137CS=4.9E00       K=1.6E00              89SR=0             90SR=5.9

DUCKWATER NEVADA HALSTEAD RANCH          PM 54048002327913020416 01 31 67 1002105
   137CS=1.1E01       K=1.23E00             SR89=3             SR90=2.9

DUCKWATER NEVADA HALSTEAD RANCH          AM 51048002327913024977 04 20 67 4900105
   131I=ND            137CS=1.6E01          K=1.54E00          89SR=1
   90SR=3.5

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                          COLLECTED

DUCKWATER NEVADA HALSTEAD RANCH       AM 5104800232791302507 2 05 15 67 3200105
   131I=ND             137CS=1.7E01      140BA=ND            K=1.53E00
   89SR=12             90SR=3.5

DUCKWATER NEVADA HALSTEAD RANCH       AM 510480023279130251148 06 14 67 1210105
   131I=ND             137CS=3.0E01      K=1.14E00           89SR=6
   90SR=10.6

DUCKWATER NEVADA BRADSHAW RANCH       AM 5304800232791302064 4 02 25 67 1902109
   131I=ND             133I=ND           135I=ND             137CS=ND
   K=1.52E00           NO                CHEM

DUCKWATER NEVADA BRADSHAW RANCH       AM 53048002327913020786 02 28 67 1902109
   131I=ND             133I=ND           135I=ND             137CS=ND
   K=1.40E00           NO                CHEM

EUREKA NEVADA SEGURA RANCH               53058601127913020796 03 01 67      022
   131I=6.49E01        133I=ND           135I=ND             137CS=ND
   K=6.25E00           132TEI=ND         106RU=7.59E02       95ZR=1.02E02

EUREKA NEVADA JERDE RANCH (SEQURA)    AM 53058601127913020920 03 03 67 1702022
   131I=ND             133I=ND           135I=ND             137CS=ND
   K=1.62E00           NO                CHEM

EUREKA NEVADA JERDE RANCH (SEQURA)    AM 53058601127913024850 03 15 67 1702022
   131I=ND             133I=ND           137CS=ND            K=1.34E00
   NO                  CHEM

EUREKA NEVADA MARTIN RANCH            AM 53058601127913020794 02 28 67 6702079
   131I=6.3E01         133I=ND           135I=ND             137CS=2.6E01
   K=K=1.63E00         89SR=4            90SR=14.2

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                          COLLECTED

EUREKA NEVADA MARTIN RANCH          AM 530586011279130209 21 03 03 67 6702079
   131I=1.22E01         133I=ND          135I=ND              137CS=1.56E01
   K=1.48E00            89SR=0           90SR=12.3

EUREKA NEVADA MARTIN RANCH          PM 5305860112791302485 1 03 14 67 6702079
   131I=ND              133I=ND          137CS=3.17E01        K=1.60E00
   NO                   CHEM

EUREKA NEVADA MARTINS RANCH            5105860112791302517 0 06 14 67 6390079
   131I=ND              137CS=2.3E01     K=1.91E00            89SR=4
   90SR=10.9

EUREKA NEVADA JERDE RANCH (SEQURA)  PM 5305860232791302064 6 02 25 67 1702022
   131I=ND              133I=2.4E01      135I=ND              137CS=1.2E01
   K=1.40E00            89SR=0           90SR=10.6

EUREKA NEVADA MARTIN RANCH          AM 5305860232791302064 7 02 24 67 6702079
   131I=2.2E01          133I=4.7E01      135I=ND              137CS=3.7E01
   K=1.80E00            89SR=4           90SR=16.5

HIKO NEVADA SCHOFIELD DAIRY         AM 5108340172791202021 5 01 06 67 1400057
   137CS=1.5E01         K=1.4            89SR=0               90SR=4.7

HIKO NEVADA SCHOFIELD DAIRY         PM 5108340172791202034 0 01 26 67 1400057
   137CS=5.0E00         K=1.2            89SR=1               90SR=2.6

HIKO NEVADA SCHOFIELD DAIRY         AM 5308340172791202053 3 02 24 67 6912057
   131I=ND              133I=ND          135I=ND              137CS=5.00E00
   K=1.24E00            NO               CHEM

HIKO NEVADA SCHOFIELD DAIRY         PM 5308340172791202070 1 02 25 67 6912057
   131I=ND              133I=ND          137CS=ND             K=1.14E00
   NO                   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                                        COLLECTED

HIKO NEVADA SCHOFIELD DAIRY          PM 51083401727912024844 03 08 67 9960057
   K=1.59E00            89SR=0          90SR=3.1

HIKO NEVADA SCHOFIELD DAIRY          AM 51083401727912024986 04 27 67 6470057
   131I=ND              137CS=9.6E00    K=1.62E00           ND
   CHEM

HIKO NEVADA SCHOFIELD DAIRY          AM 51083401727912025088 05 23 67 5470057
   131I=ND              137CS=1.1E01    140BA=ND            K=1.48E00
   89SR=3               90SR=3.0

HIKO NEVADA SCHOFIELD DAIRY          PM 51083401727912025105 06 06 67 9470057
   131I=ND              137CS=6.0E00    K=1.53E00           89SR=3
   90SR=1.7

HIKO NEVADA SCHOFIELD DAIRY          AM 56083401727912025225 06 26 67 3412057
   131I=ND              137CS=1.1E01    K=1.42E00           89SR=1
   90SR=2.9

LAS VEGAS NEVADA ANDERSON DAIRY      AM 51120700327911020203 01 04 67 0000302
   137CS=1.5E01         K=1.2           89SR=3              90SR=2.2

LAS VEGAS NEVADA ANDERSON DAIRY      AM 51120700327912020213 01 05 67 0000302
   131I=1.0E01          140BA=2.0E01    K=1.3               89SR=[illegible]
   90SR=2.3

LAS VEGAS NEVADA ANDERSON DAIRY      AM 51120700327912020212 01 06 67 0000302
   141CE=1.10E02        131I=2.0E01     K=1.3               89SR=4
   90SR=3.7

LAS VEGAS NEVADA ANDERSON DAIRY         54120700327911020455 02 09 67 0002302
   137CS=7.12E00        K=1.41E00       SR89=0              SR90=3.0

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                       COLLECTED

LAS VEGAS NEVADA ANDERSON DAIRY           53120700327912020775 02 28 67 0002302
   131I=ND            133I=ND             135I=ND            137CS=ND
   K=1.49E00          NO                  CHEM

LAS VEGAS NEVADA ANDERSON DAIRY           51120700327912024876 03 24 67 0000302
   K=1.58E00          89SR=1              90SR=1.9

LAS VEGAS NEVADA ANDERSON DAIRY        PM 51120700327911024974 04 25 67 0000302
   131I=ND            137CS=9.7E00        K=1.65E00          89SR=3
   90SR=2.3

LAS VEGAS NEVADA ANDERSON DAIRY        PM 51120700327911025026 05 09 67 0000302
   131I=ND            137CS=1.1E01        K=1.60E00          140BA=ND
   89SR=4             90SR=1.7

LAS VEGAS NEVADA ANDBRSON DAIRY           51120700327911025093 06 06 67 0000302
   131I=ND            137CS=8.0E00        K=1.43E00          89SR=1
   90SR=2.1

LAS VEGAS NEVADA ARDEN DAIRY           AM 51120700327911020202 01 04 67 0000303
   137CS=5.0E00       K=1.3               89SR=0             90SR=3.6

LAS VEGAS NEVADA ARDBN DAIRY              54120700327911020456 02 09 67 0002303
   K=1.35E00          SR89=0              SR90=2.7

LAS VEGAS NEVADA ARDEN DAIRY              53120700327912020776 02 28 67 0002303
   131I=ND            133I=ND             135I=ND            137CS=ND
   K=1.57E00          NO                  CHEM

LAS VEGAS NEVADA ARDEN DAIRY              51120700327911024849 03 15 67 0000303
   K=1.61E00          89SR=0              90SR=3.7

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                                    COLLECTED

LAS VEGAS NEVADA ARDEN DAIRY         PM 51120700327911024973 04 25 67 0000303
   131I=ND            137CS=ND          K=1.58E00          89SR=3
   90SR=2.0

LAS VEGAS NEVADA ARDEN DAIRY         PM 51120700327911025025 05 09 67 0000303
   131I=ND            137CS=1.2E01      K=1.59E00          140BA=ND
   89SR=2             90SR=2.3

LAS VEGAS NEVADA ARDEN DAIRY            51120700327911025092 06 06 67 0000303
   131I=ND            137CS=ND          K=1.60E00          89SR=5
   90SR=0.7

LATHROP WELLS NEVADA DANSBY RANCH    AM 52120902327913025291 06 29 67 5902065
   131I=ND            137CS=ND          K=1.39E00          89SR=0
   90SR=2.8

LATHROP WELLS NEVADA DANSBY RANCH    AM 52120902327913025355 06 30 67 5902065
   131I=ND            137CS=ND          K=1.27E00          89SR=2
   90SR=0.9

LATHROP WELLS NEVADA SELBACH RANCH   PM 53120902327913020568 02 24 67 6302067
   131I=ND            133I=ND           135I=ND            137CS=5.0E00
   140BA=ND           K=1.21E00         ND                 CHEM

LATHROP WELLS NEVADA SELBACH RANCH   PM 53120902327913020620 02 24 67 6302067
   131I=ND            133I=ND           137CS=ND           K=1.46E00
   ND                 CHEM

LATHROP WELLS NEVADA SELBACH RANCH   AM 53120902327913020730 02 27 67 6302067
   131I=ND            133I=ND           135I=ND            137CS=ND
   K=1.43E00          ND                CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                                     COLLECTED

LATHROP WELLS NEVADA SELBACH RANCH    AM 51120902327913024994 05 03 67 8390067
   131I=ND            137CS=ND            K=1.64E00          89SR=0
   90SR=1.9

LATHROP WELLS NEVADA SELBACH RANCH    AM 51120902327913025119 06 14 67 4710067
   131I=ND            137CS=ND            K=1.47E00          89SR=1
   90SR=1.7

LATHROP WELLS NEVADA SELBACH RANCH    PM 52120902327913025354 06 29 67 1332067
   131I=ND            137CS=ND            K=1.58E00          89SR=1
   90SR=0.9

LATHROP WELLS NEVADA J MILLS RANCH    PM 53120902327913020486 02 13 67      127
   131I=ND            133I=ND             135I=ND            137CS=1.12E01
   K=1.2E00           89SR=0              90SR=3.5

LATHROP WELLS NEVADA CYPERT RANCH     AM 53120902327913020729 02 27 67 1302190
   131I=ND            133I=ND             135I=ND            137CS=ND
   K=1.62E00          ND                  CHEM

LATHROP WELLS NEVADA T NICKELL FARM   PM 53120902327913020566 02 24 67 6362207
   131I=ND            133I=ND             135I=ND            137CS=1.28E01
   140BA=ND           K=9.89E-01          ND                 CHEM

LATHROP WELLS NEVADA T NICKELL FARM   PM 53120902327913020617 02 25 67 6362207
   131I=ND            133I=ND             137CS=ND           K=1.03E00
   ND                 CHEM

LATHROP WELLS NEVADA T NICKELL FARM   PM 53120902327913020728 02 26 67 6362207
   131I=ND            133I=ND             135I=ND            137CS=ND
   K=9.94E-01         ND                  CHEM

LATHROP WELLS NEVADA MARTINSON RANCH  PM 52120902327913020234 01 19 67 5902225
   131I=2.0E01        K=1.3               SR89=0             SR90=1.5

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                              COLLECTED

LATHROP WELLS NEVADA MARTINSON RANCH  PM 52120902327913020306 01 20 67 5302225
   137CS=3.5E01        K=1.8              89SR=2              90SR=3.0

LOGANDALE NEVADA VEGAS VALLEY FARMS   PM 51125200327911020195 01 05 67 0000301
   K=1.3               89SR=0             90SR=2.7

LOGANDALE NEVADA VEGAS VALLEY FARMS   AM 54125200327912020381 02 02 67 1932301
   K=1.2E00            SR89=3             SR90=2.8

LOGANDALE NEVADA VEGAS VALLEY FARMS   PM 51125200327911024829 03 06 67 0000301
   K=1.59E00           89SR=1             90SR=1.5

LOGANDALE NEVADA VEGAS VALLEY DAIRY   AM 51125200327911024956 04 19 67 0000301
   131I=ND             137CS=ND           K=1.58E00           89SR=2
   90SR=3.7

LOGANDALE NEVADA VEGAS VALLEY DAIRY   PM 51125200327911025057 05 12 67 0000301
   131I=ND             137CS=ND           140BA=ND            K=1.41E00
   89SR=3              90SR=1.3

LOGANDALE NEVADA VEGAS VALLEY DAIRY   PM 51125200327911025121 06 13 67 0000301
   131I=ND             137CS=ND           K=1.40E00           89SR=0
   90SR=2.4

LUND NEVADA                              51128503327911024004 01 31 67     009
   K=1.20E00           89SR=2             90SR=0.6

LUND NEVADA                              51128503327911024537 02 26 67     009
   137CS=3.24E00       K=1.31E00          89SR=0              90SR=3.8

LUND NEVADA M GARDNER DAIRY           AM 53128503327912020636 02 25 67 6402074
   131I=ND             133I=ND            135I=ND             137CS=ND
   K=1.43E00           NO                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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APPENDIX

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NEVADA MILK - JAN 1967-JUNE 1967                                      COLLECTED

LUND NEVADA MCKENZIE DAIRY                 51128503327912023763 01 13 67      077
   137CS=5.0E00        K=1.4               89SR=2              90SR=1.3

LUND NEVADA MCKENZIE DAIRY                 51128503327912024298 02 12 67      077
   K=1.43E00           89SR=1              90SR=1.6

LUND NEVADA MCKENZIE DAIRY              AM 53128503327912020637 02 25 67 6402077
   131I=ND             133I=ND             135I=ND             137CS=ND
   K=1.05E00           ND                  CHEM

LUND NEVADA MCKENZIE DAIRY                 51128503327912024623 03 08 67      077
   K=1.54E00           89SR=0              90SR=2.5

LUND NEVADA MCKENZIE DAIRY                 51128503327912026148 05 02 67 0000077
   131I=ND             137CS=6.0E00        K=1.52E00           89SR=1
   90SR=2.8

LUND NEVADA MCKENZIE DAIRY                 51128503327912026330 05 18 67      077
   131I=ND             137CS=1.1E01        K=1.53E00           89SR=2
   90SR=1.9

LUND NEVADA MCKENZIE DAIRY                 51128503327912026434 06 04 67 6994077
   131I=ND             137CS=ND            K=1.52E00           89SR=1
   90SR=1.8

LUND NEVADA MCKENZIE DAIRY                 51128503327912027027 06 14 67 6994077
   131I=ND             137CS=ND            K=1.42E00           89SR=0
   90SR=3.0

LUND NEVADA MCKENZIE DAIRY              AM 52128503327912025243 06 26 67 0002077
   131I=ND             137CS=6.0E00        K=1.63E00           89SR=7
   90SR=0.8

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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APPENDIX

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NEVADA MILK - JAN 1967-JUNE 1967                                    COLLECTED

LUND NEVADA SCOW DAIRY                       AM 53128503327912020652 02 25 67 6302079
   131I=ND              133I=ND                 135I=ND              137CS=ND
   K=1.93E00            ND                      CHEM

LUND NEVADA W GARDNER DAIRY                  AM 53128503327912020639 02 25 67 6402083
   131I=ND              133I=ND                 135I=ND              137CS=ND
   K=1.28E00            ND                      CHEM

LUND NEVADA JUREY RANCH                      AM 53128503327913020798 02 28 67 6702145
   131I=ND              133I=ND                 135I=ND              137CS=1.74E01
   K=1.63E00            ND                      CHEM

MCGILL NEVADA LARSEN RANCH                   AM 53130303327913020645 02 25 67 1902030
   131I=ND              133I=ND                 135I=ND              137CS=ND
   K=1.46E00            ND                      CHEM

MCGILL NEVADA HENROID RANCH                  AM 53130303327913020638 02 25 67 1902062
   131I=ND              133I=ND                 135I=ND              137CS=2.58E01
   K=1.08E00            ND                      CHEM

MCGILL NEVADA YELLAND RANCH                  AM 53130303327913020657 02 25 67 6792063
   131I=ND              133I=ND                 135I=ND              137CS=9.4E00
   K=1.49E00            ND                      CHEM

MCGILL NEVADA YELLAND RANCH                  AM 53130303327913020695 02 26 67 6292063
   131I=ND              133I=ND                 135I=ND              137CS=ND
   K=1.49E00            ND                      CHEM

MANHATTAN NEVADA LEE HIATT RANCH             AM 51130502327913020233 01 11 67 0000018
   K=1.3                89SR=2                  90SR=6.3

MANHATTAN NEVADA LEE HIATT RANCH             PM 54130502327913020437 02 04 67 1002018
   K=1.41E00            SR89=0                  SR90=4.7

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                                COLLECTED

MANHATTAN NEVADA L HIATT RANCH       AM 53130502327913020592 02 24 67 1302018
   131I=ND             133I=ND          135I=ND            137CS=1.1E01
   140BA=ND            K=1.2E00         NO                 CHEM

MANHATTAN NEVADA L HIATT RANCH       AM 53130502327913020650 02 25 67 1302018
   131I=ND             133I=2.1E01      135I=ND            137CS=ND
   K=1.29E00           89SR=0           90SR=8.7

MANHATTAN NEVADA L HIATT RANCH       AM 53130502327913020713 02 26 67 1302018
   131I=ND             133I=ND          135I=ND            137CS=ND
   K=1.10E00           NO               CHEM

MANHATTAN NEVADA L HIATT RANCH       AM 53130502327913020792 02 28 67 1302018
   131I=ND             133I=ND          135I=ND            137CS=ND
   K=1.40E00           NO               CHEM

MANHATTAN NEVADA LEE HIATT RANCH     PM 51130502327913024919 03 29 67 8430018
   K=1.22E00           89SR=2           90SR=6.3

MANHATTAN NEVADA LEE HIATT RANCH     AM 51130502327913024969 04 19 67 8430018
   131I=ND             137CS=5.0E00     K=1.40E00          89SR=2
   90SR=5.2

MANHATTAN NEVADA LEE HIATT RANCH     PM 51130502327913024990 05 02 67 8390018
   131I=ND             137CS=ND         K=1.37E00          89SR=2
   90SR=4.5

MANHATTAN NEVADA LEE HIATT RANCH     AM 51130502327913025174 06 14 67 8390018
   131I=ND             137CS=2.5E01     K=1.27E00          89SR=10
   90SR=12.9

MESQUITE NEVADA HUGHES BROS DAIRY    AM 51131600327912020194 01 04 67 9990062
   K=1.5               89SR=2           90SR=2.4

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                                    COLLECTED

MESQUITE NEVADA HUGHES BROS DAIRY      AM 5413160032791202038O 01 31 67 9092062
   137CS=5.0E00        K=1.2E00           SR89=2              SR90=2.0

MESQUITE NEVADA HUGHES BROS DAIRY      AM 51131600327912024828 03 07 67 6990062
   K=1.30E00           89SR=0             90SR=3.8

MESQUITE NEVADA HUGHES BROS DAIRY      AM 51131600327912024953 04 20 67 9990062
   131I=ND             137CS=1.2E01       K=1.63E00           89SR=1
   90SR=2.5

MESQUITE NEVADA HUGHES BROS DAIRY      AM 51131600327912025058 05 12 67 6990062
   131I=ND             137CS=ND           140BA=ND            K=1.57E00
   89SR=0              90SR=3.4

MESQUITE NEVADA HUGHES BROS DAIRY      AM 51131600327912025122 06 15 67 1340062
   131I=ND             137CS=6.0E00       K=1.51E00           89SR=1
   90SR=310

MOAPA NEVADA SEARLES DAIRY             AM 51135000327912020214 01 09 67 1400071
   137CS=1.0E01        K=1.4              89SR=2              90SR=1.5

MOAPA NEVADA SEARLES DAIRY             PM 51135000327912020334 01 27 67 1400071
   137CS=5.0E00        K=1.2              89SR=2              90SR=2.2

MOAPA NEVADA SEARLES DAIRY             AM 51135000327912024837 03 08 67 6960071
   K=1.49E00           89SR=2             90SR=1.8

MOAPA NEVADA SEARLES DAIRY             AM 51135000327912024959 04 21 67 8960071
   131I=ND             137CS=ND           K=1.63E00           89SR=0
   90SR=4.1

MOAPA NEVADA SEARLES DAIRY             PM 51135000327912025084 05 23 67 5470071
   131I=ND             137CS=1.3E01       140BA=ND            K=8.6E-01
   89SR=2              90SR=1.8

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                              COLLECTED

MOAPA NEVADA SEARLES DAIRY               AM 5113500032791202510 3 06 07 67 9470071
   131I=ND              137CS=1.1E01        K=1.38E00            89SR=0
   90SR=4.3

MOAPA NEVADA SEARLES DAIRY               PM 5613500032791202522 4 06 26 67 9492071
   131I=ND              137CS=ND            K=1.49E00            89SR=0
   90SR=2.1

NYALA NEVADA SHARP RANCH                 AM 5114900232791302022 1 01 10 67 0000054
   131I=4.0E01          137CS=3.0E01        K=1.4                140BA=1.0E00
   89SR=0               90SR=5.4

NYALA NEVADA SHARP RANCH                 AM 5214900232791302029 6 01 21 67 1902054
   137CS=3.0E01         K=1.4               89SR=8               90SR=6.1

NYALA NEVADA                             AM 5414900232791302044 2 02 07 67 8430054
   137CS=1.32E01        K=1.20E00           SR89=0               SR90=8.1

NYALA NEVADA SHARP RANCH                 AM 5314900232791302064 1 02 24 67 1902054
   131I=ND              133I=ND             135I=ND              137CS=2.8E01
   K=1.41E00            NO                  CHEM

NYALA NEVADA SHARP RANCH                 AM 5314900232791302090 7 03 03 67 1902054
   131I=ND              133I=ND             135I=ND              137CS=3.27E01
   K=1.19E00            NO                  CHEM

NYALA NEVADA SHARP RANCH                 AM 5114900232791302493 3 04 13 67 1700054
   137CS=2.21E01        K=1.60E00           89SR=3               90SR=3.8

NYALA NEVADA SHARP RANCH                 AM 5114900232791302502 9 05 10 67 8430054
   131I=ND              137CS=2.1E01        140BA=ND             K=1.51E00
   89SR=4               90SR=5.0

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                                  COLLECTED

NYALA NEVADA SHARPS RANCH             AM 56149002327913025231 06 26 67 4302054
   131I=ND              137CS=3.5E01     K=1.45E00           NO
   CHEM

NYALA NEVADA SHARPS RANCH             AM 52149002327913025238 06 27 67 4302054
   131I=ND              137CS=2.2E01     K=1.52E00           89SR=5
   90SR=7.5

NYALA NEVADA CASEY RANCH              PM 53149002327913020703 02 25 67 1902071
   131I=ND              133I=ND          137CS=1.8E01        K=1.77E00
   ND                   CHEM

NYALA NEVADA CASEY RANCH              AM 53149002327913020906 03 03 67 1902071
   131I=ND              133I=ND          135I=ND             137CS=ND
   K=1.56E00            ND               CHEM

NYALA NEVADA CASEY RANCH              PM 52149002327913024920 04 03 67 4702071
   137CS=8.0E00         K=1.7E00         89SR=2              90SR=5.2

PAHRUMP NEVADA ISHMAEL RANCH          PM 53160202327913020499 02 15 67 4302169
   131I=ND              133I=ND          135I=ND             137CS=ND
   K=1.13E00            89SR=0           90SR=2.8

PAHRUMP NEVADA ANDERSON RANCH         AM 53160202327913020619 02 25 67 1732169
   131I=ND              133I=ND          137CS=ND            K=1.35E00
   ND                   CHEM

PAHRUMP NEVADA ISHMAEL RANCH          PM 51160202327913024906 03 28 67 6330169
   K=1.48E00            89SR=0           90SR=1.2

PAHRUMP NEVADA BOWMANS RANCH          PM 51160202327913025120 06 14 67 1410169
   131I=ND              137CS=ND         K=1.27E00           89SR=1
   90SR=2.3

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                             COLLECTED

PAHRUMP NEVADA BOWMANS RANCH          AM 56160202327913025223 06 26 67 1902169
   131I=ND             137CS=ND          K=1.13E00           89SR=0
   90SR=112

PAHRUMP NEVADA OWENS RANCH            PM 53160202327913020618 02 24 67 6312171
   131I=ND             133I=ND           137CS=ND            K=1.72E00
   NO                  CHEM

POTTS NEVADA WILSON CREEK RANCH       AM 53165702327913020711 02 26 67 1732049
   131I=ND             133I=ND           135I=ND             137CS=ND
   K=1.49E00           NO                CHEM

PRESTON NEVADA GARDNERS RANCH         AM 53166103327913020790 02 28 67 1902057
   131I=ND             133I=ND           135I=ND             137CS=ND
   K=1.39E00           NO                CHEM

ROUND MOUNTAIN NEVADA BERGS RANCH     AM 53185802327913020642 02 25 67 1712012
   131I=ND             133I=ND           135I=ND             137CS=1.1E01
   K=1.58E00           NO                CHEM

ROUND MOUNTAIN NEVADA BERGS RANCH     AM 53185802327913020715 02 26 67 1712012
   131I=ND             133I=ND           135I=ND             137CS=ND
   K=9.53E-0           NO                CHEM

ROUND MOUNTAIN NEVADA POPE RANCH      AM 53185802327913020583 02 24 67 6702063
   131I=ND             133I=ND           135I=ND             137CS=4.15E01
   140BA=ND            K=1.51E00         NO                  CHEM

ROUND MOUNTAIN NEVADA POPE RANCH      PM 53185802327913020648 02 24 67 6702063
   131I=ND             133I=ND           135I=ND             137CS=ND
   K=1.28E00           NO                CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                                    COLLECTED

ROUND MOUNTAIN NEVADA POPE RANCH        AM 5318580232791302071 4 02 26 67 6702063
   131I=ND              133I=ND            135I=ND              137CS=ND
   K=1.09E00            ND                 CHEM

SHOSHONE NEVADA KIRKEBY RANCH           PM 51192500327913020370 01 30 67 1902101
   K=9.0E-1             89SR=1             90SR=4.5

SHOSHONE NEVADA KIRKEBY RANCH              51192500327913026089 04 25 67 0000106
   131I=ND              137CS=1.1E01       K=1.74E00            89SR=6
   90SR=4.4

SHOSHONE NEVADA RHODES RANCH            AM 53192500327913020654 02 25 67 6392144
   131I=ND              133I=ND            135I=ND              137CS=ND
   K=1.60E00            ND                 CHEM

SPRINGDALE NEVADA PEACOCK RANCH         PM 51196402327913020201 01 04 67 5700174
   141CE=9.0E01         131I=6.0E01        106RU=4.0E01         137CS=2.0E01
   K=1.4                89SR=0             90SR=1.4

SPRINGDALE NEVADA PEACOCK RANCH         AM 52196402327913020305 01 21 67 3702174
   131I=1.0E01          137CS=1.0E01       K=1.4                SR89=1
   SR90=1.6

SPRINGDALE NEVADA PEACOCK RANCH         AM 54196402327913020441 02 03 67 1702174
   K=1.36E00            SR89=0             SR90=1.5

SPRINGDALE NEVADA PEACOCK RANCH         AM 53196402327913020567 02 24 67 6472174
   131I=ND              133I=ND            135I=ND              137CS=1.00E00
   140BA=ND             K=1.36E00          ND                   CHEM

SPRINGDALE NEVADA PEACOCK RANCH         AM 51196402327913024905 03 28 67 4720174
   137CS=6.53E00        K=1.42E00          89SR=1               90SR=1.7

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEVADA MILK - JAN 1967-JUNE 1967                               COLLECTED

SPRINGDALE NEVADA PEACOCK RANCH       AM 51196402327913024995 05 03 67 1720174
   131I=ND            137CS=ND             K=1.25E00            89SR=4
   90SR=9.0

SPRINGDALE NEVADA PEACOCK RANCH       PM 51196402327913025118 06 13 67 4710174
   131I=ND            137CS=1.7E01         K=1.27E00            89SR=3
   90SR=1.7

STRAWBERRY NEVADA CIRCLE RANCH        AM 53197603327913020788 03 01 67 1102020
   131I=1.43E01       133I=ND              135I=ND              137CS=2.00E01
   K=1.38E00          89SR=0               90SR=10.6

STRAWBERRY NEVADA CIRCLE RANCH        AM 53197603327913020967 03 03 67 1102020
   131I=ND            133I=ND              137CS=1.70E01        K=1.57E00
   89SR=1             90SR=9.0

STRAWBERRY NEVADA COLD CREEK RANCH    PM 53197603327913020793 03 01 67 6902023
   131I=ND            133I=ND              135I=ND              137CS=6.01E00
   K=1.38E00          NO                   CHEM

TONOPAH NEVADA PUMPING STATION        AM 53205502327913020651 02 25 67 1302003
   131I=ND            133I=ND              135I=ND              137CS=1.48E01
   K=1.31E00          NO                   CHEM

TONOPAH NEVADA PUMPING STATION RANCH  AM 51205502327913025173 06 16 67 8390003
   131I=ND            137CS=9.0E00         K=1.65E00            89SR=2
   90SR=1.4

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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NEW MEXICO MILK - JAN 1967-JUNE 1967                                COLLECTED

ALAMOGORDO NEW MEXICO CITY DAIRY       AM 51001003530712025098 06 05 67 0005106
   131I=ND            137CS=ND            K=1.51E00          89SR=0
   90SR=2.1

CARLSBAG NEW MEXICO JOE BRYAN DAIRY    AM 51007001530712025099 06 06 67 0005107
   131I=ND            137CS=ND            K=1.43E00          89SR=2
   90SR=1.0

FARMINGTON NEW MEXICO CREAMLAND DRY    PM 51012004530712025096 06 05 67 0005101
   131I=ND            137CS=9.0E00        K=1.49E00          89SR=3
   90SR=6.0

GILA NEW MEXICO ROSEDALE DAIRY         AM 51013501730712025097 06 06 67 0005104
   131I=ND            137CS=8.0E00        K=1.49E00          89SR=0
   90SR=1.8

LAS VEGAS NEW MEXICO SIERRA GOLD       PM 510180047[illegible]12025102 06 06 67 0005102
   131I=ND            137CS=1.4E01        K=1.61E00          89SR=4
   90SR=6.2

TUCUMCARI NEW MEXICO CRESCENT CREAMERY    51032003730712025100 06 04 67 0005103
   131I=ND            137CS=ND            K=1.39E00          89SR=3
   90SR=4.1

UNIVERSITY PARK NEW MEXICO COLLEGE DRYAM 51033201330712025101 06 06 67 0005105
   131I=ND            137CS=ND            K=1.64E00          89SR=0
   90SR=3.7

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                     COLLECTED

CEDAR CITY UTAH                                 56031102143812023830 01 06 67     030
   K=1.9

CEDAR CITY UTAH                                 56031102143812023823 01 07 67     030
   K=1.4

CEDAR CITY UTAH                                 56031102143812023828 01 08 67     030
   137CS=5.0E00        K=1.3

CEDAR CITY UTAH                                 56031102143812023829 01 09 67     030
   137CS=5.0E00        K=1.4

CEDAR CITY UTAH                                 56031102143812023815 01 10 67     030
   137CS=1.5E01        K=1.4

CEDAR CITY UTAH                                 56031102143812023793 01 12 67     030
   137CS=1.0E01        K=1.5                    89SR=0              90SR=4.8

CEDAR CITY UTAH                                 56031102143812023819 01 13 67     030
   137CS=5.0E00        K=1.3

CEDAR CITY UTAH MEADOW GOLD DAIRY            AM 54031102143812020411 02 01 67 0002267
   K=1.9E00            SR89=0                   SR90=3.8

CEDAR CITY UTAH MEADOW GOLD CREAMERY         AM 53031102143812020767 02 24 67 0002267
   131I=ND             133I=ND                  135I=ND             137CS=2.85E00
   K=1.46E00           NO                       CHEM

CEDAR CITY UTAH MEADOW GOLD CREAMERY         AM 53031102143812020763 02 25 67 0002267
   131I=ND             133I=ND                  135I=ND             137CS=ND
   K=1.42E00           NO                       CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                   COLLECTED

CEDAR CITY UTAH MEADOW GOLD CREAMERY  AM 530311021438120207700 02 26 67 0002267
   131I=1.00E01         133I=ND              135I=ND             137CS=5.26E00
   K=1.45E00            89SR=1               90SR=4.2

CEDAR CITY UTAH MEADOW GOLD CREAMERY  AM 53031102143812020769 02 27 67 0002267
   131I=ND              133I=ND              135I=ND             137CS=ND
   K=1.54E00            NO                   CHEM

CEDAR CITY UTAH MEADOW GOLD CREAMERY  AM 53031102143812020810 02 28 67 0002267
   131I=ND              133I=ND              135I=ND             137CS=7.85E00
   K=1.37E00            NO                   CHEM

CEDAR CITY UTAH MEADOW GOLD CREAMERY  AM 53031102143812020958 03 01 67 0002267
   131I=ND              133I=ND              137CS=ND            K=1.31E00
   NO                   CHEM

CEDAR CITY   AH MEADOW GOLD CREAMERY  AM 53031102143812020929 03 02 67 0002267
   131I=ND              133I=ND              137CS=ND            K=1.56E00
   NO                   CHEM

GARRISON UTAH GONDERS RANCH           PM 54070602743813020435 02 03 67 1902006
   137CS=4.95E00        K=1.31E00            SR89=0              SR90=4.5

GARRISON UTAH GONDERS RANCH           PM 53070602743813020656 02 24 67 6292006
   131I=9.0E00          133I=9.2E01          135I=ND             137CS=ND
   K=1.63E00            89SR=1               90SR=3.1

GARRISON UTAH GONDERS RANCH           PM 51070602743813020979 03 02 67 1900006
   GAMMA                SPECTRUM             NEGLIGIBLE          89SR=0
   90SR=2.4

GARRISON UTAH GONDERS RANCH           AM 51070602743813026086 04 20 67 1900006
   131I=ND              137CS=1.1E01         K=1.65E00           89SR=2
   90SR=2.5

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                       COLLECTED

GARRISON UTAH GONDERS RANCH          AM 5107060274381302507З 05 17 67 4910006
   131I=ND             137CS=9.0E00     140BA=ND            K=1.56E00
   89SR=0              90SR=2.9

GARRISON UTAH GONDERS RANCH          AM 51070602743813025149 06 15 67 1910080
   131I=ND             137CS=1.3E01     K=1.33E00           89SR=5
   90SR=5.5

MINERSVILLE UTAH                     AM 56133600143812023681 01 07 67
   137CS=1.5E01        K=1.5            89SR=0              90SR=5.1

MINERSVILLE UTAH                     AM 56133600143812023680 01 08 67
   137CS=5.0E00        140BA=1.0E01     K=1.4

MINERSVILLE UTAH                     PM 56133600143812023735 01 09 67
   137CS=1.0E01        K=1.5

MINERSVILLE UTAH                     AM 56133600143812023772 01 10 67
   137CS=5.0E00        K=1.3

MINERSVILLE UTAH                     AM 56133600143812023773 01 11 67
   137CS=5.0E00        K=1.5

MINERSVILLE UTAH                     AM 56133600143812023789 01 13 67
   137CS=5.0E00        K=1.4

MINERSVILLE UTAH                        56133600143812023837 01 14 67
   137CS=1.0E01        K=1.4

MINERSVILLE UTAH                        56133600143812023836 01 15 67
   137CS=1.0E01        K=1.3

MINERSVILLE UTAH MINERSVILLE DAIRY   AM 54133600143812020493 02 11 67 0002266
   137CS=1.4E01        K=1.4E00         89SR=2              90SR=.7

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                     COLLECTED

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020615 02 24 67 0002266
   131I=ND              133I=ND          137CS=ND            K=1.34E00
   ND                   CHEM

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020697 02 25 67 0002266
   131I=ND              133I=ND          135I=ND             137CS=ND
   K=1.51E00            ND               CHEM

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020747 02 27 67 0002266
   131I=ND              133I=ND          135I=ND             137CS=ND
   K=1.54E00            ND               CHEM

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020868 02 28 67 0002266
   131I=ND              133I=ND          135I=ND             137CS=ND
   K=1.24E00            ND               CHEM

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020862 03 01 67 0002266
   131I=ND              133I=ND          135I=ND             137CS=7.62E00
   K=1.37E00            ND               CHEM

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020965 03 02 67 0002266
   131I=ND              133I=ND          137CS=ND            K=1.34E00
   ND                   CHEM

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020953 03 03 67 0002266
   131I=ND              133I=ND          137CS=ND            K=1.40E00
   ND                   CHEM

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020982 03 04 67 0002266
   131I=ND              133I=ND          137CS=ND            K=1.21E00
   ND                   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                    COLLECTED

MINERSVILLE UTAH MINERSVILLE DAIRY    AM 53133600143812020996 03 05 67 0002266
   131I=ND             133I=ND            137CS=ND            K=1.35E00
   NO                  CHEM

MOUNT PLEASANT UTAH                   AM 56135803943812023624 01 07 67
   141CE=5.0E01        131I=2.0E01        137CS=2.5E01        140BA=1.0E01
   K=1.2               SR89=3             SR90=7.0

MOUNT PLEASANT UTAH                   AM 56135803943812023672 01 08 67
   131I=3.0E01         137CS=2.0E01       K=1.3

MOUNT PLEASANT UTAH                   AM 56135803943812023670 01 09 67
   131I=2.0E01         137CS=3.0E01       K=1.2

MOUNT PLEASANT UTAH                   AM 56135803943812023732 01 10 67
   131I=2.0E01         K=1.3

MOUNT PLEASANT UTAH                   AM 56135803943812023750 01 11 67
   131I=2.0E01         K=1.3              137CS=1.5E01

MOUNT PLEASANT UTAH                   AM 56135803943812023781 01 12 67
   131I=3.0E01         137CS=1.5E01       K=1.3

MOUNT PLEASANT UTAH                   AM 56135803943812023780 01 14 67
   131I=2.0E01         137CS=1.5E01       K=1.3

MOUNT PLEASANT UTAH BROOKLAWN CREAMERYAM 54135803943812020382 02 01 67 0002264
   137CS=5.0E00        K=1.0E00           SR89=1              SR90=6.8

MT PLEASANT UTAH BROOKLAWN CREAMBRY   AM 53135803943812020627 02 24 67 0002264
   131I=ND             133I=ND            135I=ND             137CS=7.3E00
   K=1.26E00           NO                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                     COLLECTED

MT PLEASANT UTAH BROOKLAWN CREAMERY   AM 53135803943812020628 02 25 67 0002264
   131I=ND            133I=ND            135I=ND            137CS=ND
   K=1.39E00          NO                 CHEM

MT PLEASANT UTAH BROOKLAWN CREAMERY   AM 53135803943812020742 02 26 67 0002264
   131I=ND            133I=ND            135I=ND            137CS=1.63E01
   K=1.32E00          NO                 CHEM

MT PLEASANT UTAH BROOKLAWN CREAMERY   AM 53135803943812020736 02 27 67 0002264
   131I=ND            133I=ND            135I=ND            137CS=9.67E00
   K=1.36E00          NO                 CHEM

MT PLEASANT UTAH BROOKLAWN CREAMERY   AM 53135803943812020783 02 28 67 0002264
   131I=ND            133I=ND            135I=ND            137CS=7.65E00
   K=1.43E00          NO                 CHEM

MT PLEASANT UTAH BROOKLAWN CREAMERY   AM 53135803943812020808 03 01 67 0002264
   131I=ND            133I=ND            135I=ND            137CS=1.24E01
   K=1.27E00          NO                 CHEM

MT PLEASANT UTAH BROOKLAWN CREAMERY   AM 53135803943812020893 03 02 67 0002264
   131I=ND            133I=ND            135I=ND            137CS=1.24E01
   K=1.34E00          NO                 CHEM

NEW CASTLE UTAH NEW CASTLE DAIRY      AM 51141802143812020196 01 05 67 6980001
   131I=1.0E01        K=1.2E00           89SR=0             90SR=4.0

NEW CASTLE UTAH NEW CASTLE DAIRY      PM 54141802143812020379 02 01 67 6092001
   K=1.3E00           SR89=0             SR90=3.8

NEWCASTLE UTAH NEWCASTLE DAIRY        AM 51141802143812024831 03 08 67 6990001
   K=1.33E00          89SR=12            90SR=2.5

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                     COLLECTED

NEW CASTLE UTAH NEW CASTLE DAIRY      AM 51141802143812024957 04 19 67 6990001
   131I=ND              137CS=ND         K=1.58E00           89SR=0
   90SR=4.9

NEW CASTLE UTAH NEW CASTLE DAIRY      AM 51141802143812025059 05 12 67 6990001
   131I=ND              137CS=8.0E00     140BA=ND            K=1.46E00
   89SR=1               90SR=2.4

NEW CASTLE UTAH NEW CASTLE DAIRY      PM 51141802143812025123 06 14 67 4120001
   131I=ND              137CS=ND         K=1.51E00           89SR=2
   90SR=2.4

OGDEN UTAH                            AM 56152105743812023683 01 06 67
   131I=1.0E01          137CS=1.0E01     K=1.2               89SR=1
   90SR=8.3

OGDEN UTAH                            AM 56152105743812023687 01 07 67
   131I=1.0E01          137CS=1.0E01     140BA=1.0E01        K=1.5

OGDEN UTAH                            AM 56152105743812023730 01 09 67
   K=1.4

OGDEN UTAH                            AM 56152105743812023713 01 10 67
   131I=1.0E01          137CS=2.0E01     K=1.4

OGDEN UTAH                            AM 56152105743812023770 01 11 67
   131I=4.0E01          137CS=2.0E01     K=1.3

OGDEN UTAH                            AM 55152105743812023776 01 13 67
   137CS=1.5E01         K=1.4

OGDEN UTAH                               54152105743811024006 01 31 67
   137CS=2.00E01        K=1.2E00         SR89=2              SR90=7.8

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                COLLECTED

OGDEN UTAH MAPLE LEAF DAIRY          AM 54152105743812020410 02 01 67 0002262
   K=1.4E00            SR89=2           SR90=7.4

OGDEN UTAH MAPLE LEAF DAIRY          AM 53152105743812020633 02 24 67 0002262
   131I=ND             133I=ND          135I=ND            137CS=ND
   K=1.42E00           NO               CHEM

OGDEN UTAH MAPLE LEAF DAIRY          AM 53152105743812020634 02 25 67 0002262
   131I=ND             133I=ND          135I=ND            137CS=9.91E00
   K=1.33E00           NO               CHEM

OGDEN UTAH MAPLE LEAF DAIRY          AM 53152105743812020733 02 25 67 0002262
   131I=ND             133I=ND          135I=ND            137CS=ND
   K=1.58E00           NO               CHEM

OGDEN UTAH MAPLE LEAF DAIRY          AM 53152105743812020772 02 27 67 0002262
   131I=ND             133I=ND          135I=ND            137CS=1.73E01
   K=1.33E00           NO               CHEM

OGDEN UTAH MAPLE LEAF DAIRY          AM 53152105743812020761 02 28 67 0002262
   131I=ND             133I=ND          135I=ND            137CS=9.74E-00
   K=1.44E00           NO               CHEM

OGDEN UTAH MAPLE LEAF DAIRY          AM 53152105743812020889 03 01 67 0002262
   131I=ND             133I=ND          135I=ND            137CS=9.44E00
   K=1.26E00           NO               CHEM

OGDEN UTAH MAPLE LEAF DAIRY          AM 53152105743812024818 03 03 67 0002262
   131I=ND             133I=ND          137CS=ND           K=1.48E00
   NO                  CHEM

RICHFIELD UTAH                       PM 56183001443812023621 01 05 67
   131I=2.00E01        106RU=1.00E01    137CS=1.00E01      K=1.3
   89SR=0              90SR=5.8

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                    COLLECTED

RICHFIELD UTAH                                 PM 56183001443812023625 01 06 67
   131I=1.0E01          137CS=2.0E01              140BA=1.0E01        K=1.3

RICHFIELD UTAH                                 PM 56183001443812023639 01 08 67
   137CS=5.0E00         140BA=1.0E01              K=1.3

RICHFIELD UTAH                                 PM 56183001443812023738 01 10 67
   K=1.3

RICHFIELD UTAH                                    56183001443812023804 01 11 67
   131I=2.0E01          137CS=1.0E01              K=1.3

RICHFIELD UTAH IDEAL DAIRY                     PM 53183001443812020699 02 25 67 0002265
   131I=ND              133I=ND                   135I=ND             137CS=ND
   K=1.06E00            NO                        CHEM

RICHFIELD UTAH IDEAL DAIRY                     PM 53183001443812020756 02 27 67 0002265
   131I=3.87E01         133I=ND                   135I=ND             137CS=2.03E01
   K=1.60E00            89SR=0                    90SR=6.8

RICHFIELD UTAH IDEAL DAIRY                     AM 53183001443812020873 03 01 67 0002265
   131I=ND              133I=ND                   135I=ND             137CS=ND
   K=1.26E00            NO                        CHEM

RICHFIELD UTAH IDEAL DAIRY                     AM 53183001443812020937 03 03 67 0002265
   131I=ND              133I=ND                   137CS=ND            K=1.64E00
   NO                   CHEM

RICHFIELD UTAH IDEAL DAIRY                     AM 53183001443812024820 03 07 67 0002265
   131I=ND              133I=ND                   137CS=ND            K=1.40E00
   NO                   CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967--JUNE 1967                                       COLLECTED

RICHFIELD UTAH IDEAL DAIRY                  AM 5318300144381202482l 03 08 67 0002265
   131I=ND             133I=ND                 137CS=ND             K=1.35E00
   ND                  CHEM

ST GEORGE UTAH                                 51190005343811023981 01 27 67
   137CS=5.0E00        K=1.3                   89SR=1               90SR=2.6

ST GEORGE UTAH                                 51190005343811024038 02 03 67
   137CS=3.51E00       K=1.18E00               89SR=0               90SR=3.5

ST GEORGE UTAH COX DAIRY                       51190005343812023602 01 06 67       001
   K=1.3E00            89SR=0                  90SR=8.6

ST GEORGE UTAH COX DAIRY                       51190005343812023766 01 13 67       001
   137CS=1.0E01        K=1.4E00                89SR=0               90SR=4.5

ST GEORGE UTAH COX DAIRY                    AM 51190005343811023879 01 20 67       001
   137CS=6.0E00        K=1.4E00                89SR=1               90SR=2.1

ST GEORGE UTAH COX DAIRY                    AM 51190005343811024263 02 10 67       001
   K=1.33E00           89SR=0                  90SR=3.2

ST GEORGE UTAH COX DAIRY                       51190005343811024313 02 17 67       001
   137CS=8.9E00        K=1.3E00                89SR=0               90SR=2.6

ST GEORGE UTAH COX DAIRY                       51190005343812024501 02 25 67       001
   K=1.18E00           89SR=0                  90SR=3.4

ST GEORGE UTAH COX DAIRY                       51190005343812024577 03 03 67       001
   137CS=4.17E00       K=1.19E00               89SR=0               90SR=3.0

ST GEORGE UTAH COX DAIRY                       51190005343812024647 03 10 67       001
   K=1.49E00           89SR=0                  90SR=3.5

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                 COLLECTED

ST GEORGE UTAH COX DAIRY               AM 5119000534381202486З 03 17 67 6400001
   K=1.54E00           89SR=1             90SR=2.3

ST GEORGE UTAH COX DAIRY                  5119000534381202471З 03 24 67      001
   K=1.49E00           89SR=0             90SR=2.7

ST GEORGE UTAH COX DAIRY                  5119000534381202475 5 03 31 67     001
   K=1.42E00           89SR=0             90SR=2.8

ST GEORGE UTAH COX DAIRY                  5119000534381102479 6 04 07 67     001
   K=1.48E00           89SR=0             90SR=3.3

ST GEORGE UTAH COX DAIRY                  51190005343812026042 04 14 67      001
   131I=ND             137CS=1.14E01      K=1.46E00          89SR=3
   90SR=1.8

ST GEORGE UTAH BOOTS COX DAIRY         AM 51190005343812026081 04 21 67 8400001
   131I=ND             137CS=ND           K=1.54E00          89SR=1
   90SR=4.0

ST GEORGE UTAH BOOTS COX DAIRY         AM 51190005343812026115 04 28 67 8400001
   131I=ND             137CS=8.0E00       K=1.46E00          89SR=4
   90SR=1.9

ST GEORGE UTAH BOOTS COX DAIRY         AM 51190005343812026150 05 05 67 8400001
   131I=ND             137CS=7.0E00       140BA=ND           K=1.42E00
   89SR=3              90SR=2.1

ST GEORGE UTAH BOOTS COX DAIRY         AM 51190005343812026252 05 12 67 8400001
   131I=ND             137CS=ND           140BA=ND           K=1.40E00
   89SR=1              90SR=3.2

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                  COLLECTED

ST GEORGE UTAH COX DAIRY               AM 5119000534381202632 9 05 19 67 8400001
   131I=ND              137CS=1.0E01      140BA=ND            K=1.57E00
   89SR=1               90SR=2.3

ST GEORGE UTAH COX DAIRY                  51190005343812026397 05 26 67 8400001
   131I=ND              137CS=1.0E01      140BA=ND            K=1.46E00
   89SR=1               90SR=2.8

ST GEORGE UTAH COX DAIRY                  51190005343812026424 06 02 67 8400001
   131I=ND              137CS=ND          K=1.36E00           89SR=2
   90SR=2.2

ST GEORGE UTAH COX DAIRY                  51190005343812026487 06 09 67     001
   131I=ND              137CS=8.0E00      K=1.5               89SR=2
   90SR=2.2

ST GEORGE UTAH COX DAIRY                  51190005343812030026 06 24 67 6464001
   131I=ND              137CS=6.0E00      K=1.32E00           89SR=0
   90SR=3.3

ST GEORGE UTAH COX DAIRY                  51190005343812030182 06 30 67 6464001
   131I=ND              137CS=8.0E00      K=1.55E00           89SR=3
   90SR=1.5

ST GEORGE UTAH                         AM 56190005343812023636 01 06 67     004
   137CS=5.0E00         140BA=1.0E01      K=1.3               SR89=1
   SR90=1.9

ST GEORGE UTAH                         AM 56190005343812023684 01 08 67     004
   137CS=5.0E00         K=1.4

ST GEORGE UTAH                         AM 56190005343812023682 01 09 67     004
   137CS=1.5E01         K=1.4

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                   COLLECTED

ST GEORGE UTAH                                 561900053438120237O8 01 10 67      004
   K=1.3

ST GEORGE UTAH                                 51190005343811027043 06 17 67      004
   131I=ND             137CS=5.0E00            K=1.50E00            89SR=0
   90SR=2.9

ST GEORGE UTAH ST GEORGE ICE CO.            PM 54190005343812020394 01 31 67 0002268
   137CS=1.0E01        K=1.0E00                SR89=1               SR90=3.8

ST GEORGE UTAH ST GEORGE ICE CO             AM 53190005343812020613 02 24 67 0002268
   131I=NC             133I=ND                 137CS=ND             K=1.63E00
   NO                  CHEM

ST GEORGE UTAH ST GEORGE ICE CO             PM 53190005343812020746 02 27 67 0002268
   131I=ND             133I=ND                 135I=ND              137CS=ND
   K=1.56E00           NO                      CHEM

ST GEORGE UTAH ST GEORGE ICE CO             PM 53190005343812020800 02 28 67 0002268
   131I=ND             133I=ND                 135I=ND              137CS=5.63E00
   K=1.37E00           NO                      CHEM

ST GEORGE UTAH ST GEORGE ICE CO             AM 53190005343812020870 03 01 67 0002268
   131I=ND             133I=ND                 135I=ND              137CS=3.24E01
   K=1.47E00           NO                      CHEM

SMITHFIELD UTAH                             PM 56194300543812023631 01 05 67
   131I=3.0E01         137CS=2.5E01            K=1.2

SMITHFIELD UTAH                             AM 56194300543812023638 01 07 67
   131I=2.0E01         137CS=1.5E01            140BA=1.0E01         K=1.4
   SR89=3              SR90=5.9

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                    COLLECTED

SMITHFIELD UTAH                                   56194300543812023697 01 09 67
   131I=1.0E01          137CS=1.5E01            K=1.4

SMITHFIELD UTAH                                   56194300543812023699 01 09 67
   131I=1.0E01          137CS=1.0E01            140BA=1.0E01        K=1.3

SMITHFIELD UTAH                                AM 56194300543812023737 01 10 67
   131I=3.0E01          137CS=2.0E01            K=1.5               140BA=1.0E00

SMITHFIELD UTAH                                AM 56194300543812023736 01 11 67
   137CS=1.5E01         K=1.4

SMITHFIELD UTAH                                AM 56194300543812023794 01 12 67
   131I=1.0E01          K=1.3

SMITHFIELD UTAH CACHE VALLEY DAIRY             AM 54194300543812020421 02 01 67 0002261
   131I=1.6E01          137CS=7.5E00            K=1.20E00           SR89=0
   SR90=8.1

SMITHFIELD UTAH CACHE VALLEY DAIRY             AM 54194300543812020425 02 02 67 0002261
   137CS=8.8E00         K=1.25E00               SR89=0              SR90=6.8

SMITHFIELD UTAH CACHE VAL DAIRY                AM 53194300543812020743 02 24 67 0002261
   131I=ND              133I=ND                 135I=ND             137CS=8.70E00
   K=1.32E00            NO                      CHEM

SMITHFIELD UTAH CACHE VAL DAIRY                AM 53194300543812020745 02 24 67 0002261
   131I=ND              133I=ND                 135I=ND             137CS=ND
   K=1.47E00            NO                      CHEM

SMITHFIELD UTAH CACHE VAL DAIRY                AM 53194300543812020731 02 25 67 0002261
   131I=ND              133I=ND                 135I=ND             137CS=9.08E00
   K=1.38E00            NO                      CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK - JAN 1967-JUNE 1967                                 COLLECTED

SMITHFIELD UTAH CACHE VAL DAIRY        AM 5319430054381202073 8 02 26 67 0002261
   131I=ND              133I=ND           135I=ND              137CS=ND
   K=1.41E00            NO                CHEM

SMITHFIELD UTAH CACHE VAL DAIRY        AM 53194300543812020807 02 27 67 0002261
   131I=ND              133I=ND           135I=ND              137CS=8.45E00
   K=1.40E00            NO                CHEM

SMITHFIELD UTAH CACHE VAL DAIRY        PM 53194300543812020813 02 28 67 0002261
   131I=ND              133I=ND           135I=ND              137CS=9.30E00
   K=1.21E00            NO                CHEM

RICHFIELD UTAH IDEAL DAIRY             AM 54194300543812020440 02 06 67 0002265
   137CS=4.27E00        K=1.07E00         SR89=0               SR90=5.2

SPANISH FORK UTAH                         56196004943812023640 01 05 67
   131I=9.0E01          137CS=1.0E01      140BA=2.0E01         K=1.4
   SR89=4               SR90=5.3

SPANISH FORK UTAH                         56196004943812023620 01 06 67
   141CE=5.00E01        131I=9.0E01       137CS=1.0E01         K=1.5

SPANISH FORK UTAH                      AM 56196004943812023673 01 07 67
   131I=6.0E01          137CS=5.0E00      K=1.3

SPANISH FORK UTAH                      AM 56196004943812023677 01 09 67
   131I=2.0E01          137CS=1.0E01      K=1.5

SPANISH FORK UTAH                         56196004943812023706 01 10 67
   131I=1.0E01          K=1.5

SPANISH FORK UTAH                         56196004943812023775 01 12 67
   131I=1.0E01          137CS=1.5E01      K=1.3

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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UTAH MILK -- JAN 1967-JUNE 1967                             COLLECTED

SPANISH FORK UTAH                      AM 56196004943812023774 01 14 67
   131I=1.0E01         137CS=1.0E01       K=1.5

SPANISH FORK UTAH TOWN PRIDE DAIRY     AM 54196004943812020439 02 06 67 0002263
   K=1.37E00           SR89=0             SR90=6.4

SPANISH FORK UTAH TOWN PRIDE DAIRY     AM 53196004943812020744 02 24 67 0002263
   131I=ND             133I=ND            135I=ND             137CS=5.09E00
   K=1.41E00           ND                 CHEM

SPANISH FORM UTAH TOWN PRIDE DAIRY     AM 53196004943812020735 02 27 67 0002263
   131I=ND             133I=ND            135I=ND             137CS=ND
   K=1.47E00           ND                 CHEM

SPANISH FORK UTAH TOWN PRIDE DAIRY     AM 53196004943812020963 03 02 67 0002263
   131I=ND             133I=ND            137CS=ND            K=1.31E00
   ND                  CHEM

SPANISH FORK UTAH TOWN PRIDE DAIRY     AM 53196004943812020938 03 03 67 0002263
   131I=ND             133I=ND            137CS=ND            K=1.79E00
   ND                  CHEM

SPANISH FORK UTAH                         56196004946811024000 01 31 67
   K=1.1

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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APPENDIX

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WYOMING MILK - JAN 1967-JUNE 1967                               COLLECTED

CASPER WYOMING                        AM 56002002549812023711 01 09 67
   K=1.3            89SR=0               90SR=6.1

CASPER WYOMING                        PM 56002002549812023747 01 11 67
   K=1.5

CASPER WYOMING                        PM 56002002549812023810 01 13 67
   137CS=5.0E00     K=1.3

CASPER WYOMING                           56002002549812023807 01 16 67
   137CS=5.0E00     K=1.5

CHEYENNE WYOMING                      AM 56003002149812023787 01 13 67
   137CS=2.0E01     K=1.4                89SR=1             90SR=8.6

CHEYENNE WYOMING                      AM 56003002149812023796 01 13 67
   137CS=1.5E01     K=1.4

CHEYENNE WYOMING                      AM 56003002149812023792 01 14 67
   137CS=1.0E01     K=1.2

CHEYENNE WYOMING                      PM 56003002149812023809 01 16 67
   137CS=5.0E00     K=1.3

CHEYENNE WYOMING                         56003002149812023818 01 17 67
   K=1.4

CHEYENNE WYOMING                      AM 56003002149812023845 01 18 67
   137CS=5.0E00     K=1.5

CHEYENNE WYOMING                      PM 56003002149812023877 01 20 67
   K=1.2

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCL/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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WYOMING MILK - JAN 1967-JUNE 1967                            COLLECTED

CHEYENNE WYOMING DAIRY GOLD FOODS     PM 53003002149812020764 02 24 67 0002286
   131I=ND            133I=ND            135I=ND            137CS=ND
   K=1.33E00          NO                 CHEM

CHEYENNE WYOMING DAIRY GOLD FOODS     PM 53003002149812020762 02 26 67 0002286
   131I=ND            133I=ND            135I=ND            137CS=ND
   K=1.34E00          NO                 CHEM

CHEYENNE WYOMING DAIRY GOLD FOODS     PM 53003002149812020765 02 27 67 0002286
   131I=ND            133I=ND            135I=ND            137CS=ND
   K=1.41E00          NO                 CHEM

CHEYENNE WYOMING DAIRY GOLD FOODS     PM 53003002149812020802 02 28 67 0002286
   131I=ND            133I=ND            135I=ND            137CS=ND
   K=1.53E00          NO                 CHEM

CHEYENNE WYOMING DAIRY GOLD FOODS     PM 53003002149812020949 03 02 67 0002286
   131I=ND            133I=ND            137CS=ND           K=1.42E00
   NO                 CHEM

CHEYENNE WYOMING DAIRY GOLD FOODS     PM 53003002149812020989 03 05 67 0002286
   131I=ND            133I=ND            137CS=ND           K=1.35E00
   NO                 CHEM

POWELL WYOMING CREAM OF VALLEY DAIRY  PM 53012002949812020928 02 24 67 0002281
   131I=ND            133I=ND            137CS=ND           K=1.23E00
   NO                 CHEM

POWELL WYOMING CREAM OF VALLEY DAIRY  AM 53012002949812020930 02 25 67 0002281
   131I=ND            133I=ND            137CS=ND           K=1.59E00
   NO                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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WYOMING MILK - JAN 1967-JUNE 1967                                     COLLECTED

POWELL WYOMING CREAM OF VALLEY DAIRY  PM 5301200294981202 0936 02 26 67 0002281
   131I=ND               133I=ND            137CS=1.30E01       K=1.28E00
   NO                    CHEM

POWELL WYOMING CREAM OF VALLEY DAIRY  PM 53012002949812020935 02 27 67 0002281
   131I=ND               133I=ND            137CS=ND            K=1.58E00
   NO                    CHEM

RAWLINS WYOMING WYOMING DAIRY PROD    AM 53013000749812020749 02 25 67 0002285
   131I=ND               133I=ND            135I=ND             137CS=6.77E00
   K=1.52E00             NO                 CHEM

RAWLINS WYOMING WYOMING DAIRY PROD    AM 53013000749812020891 02 27 67 0002285
   131I=ND               133I=ND            135I=ND             137CS=ND
   K=1.57E00             NO                 CHEM

RAWLINS WYOMING WYOMING DAIRY PROD    AM 53013000749812024812 03 02 67 0002285
   131I=ND               133I=ND            137CS=1.30E01       K=1.14E00
   NO                    CHEM

RAWLINS WYOMING WYOMING DAIRY PROD    AM 53013000749812024804 03 04 67 0002285
   131I=ND               133I=ND            137CS=6.29E00       K=1.18E00
   NO                    CHEM

RIVERTON WYOMING MORNING STAR DAIRY   PM 53014001349812020939 02 25 67 0002283
   131I=ND               133I=ND            137CS=ND            K=1.69E00
   NO                    CHEM

RIVERTON WYOMING MORNING STAR DAIRY   PM 53014001349812020945 02 27 67 0002283
   131I=ND               133I=ND            137CS=ND            K=1.37E00
   NO                    CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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APPENDIX

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WYOMING MILK - JAN 1967-JUNE 1967                              COLLECTED

RIVERTON WYOMING MORNING STAR DAIRY   PM 5301400134981202095l 02 28 67 0002283
   131I=ND              133I=ND            137CS=ND            K=1.49E00
   NO                   CHEM

RIVERTON WYOMING MORNING STAR DAIRY   PM 53014001349812020957 03 02 67 0002283
   131I=ND              133I=ND            137CS=ND            K=1.54E00
   NO                   CHEM

SHERIDAN WYOMING                         56016003349812023803 01 09 67
   137CS=2.0E01         K=1.5              89SR=1              90SR=7.7

SHERIDAN WYOMING                      PM 56016003349812023797 01 11 67
   137CS=3.0E01         K=1.4

SHERIDAN WYOMING                         56016003349812023801 01 12 67
   137CS=2.5E01         K=1.3

SHERIDAN WYOMING                      AM 56016003349812023783 01 13 67
   137CS=1.0E01         K=1.2

SHERIDAN WYOMING                      PM 56016003349812023791 01 13 67
   137CS=3.0E01         K=1.4

SHERIDAN WYOMING JERSEY CREAMERY INC  AM 53016003349812020625 02 25 67 0002282
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.45E00            NO                 CHEM

SHERIDAN WYOMING JERSEY CREAMERY INC  AM 53016003349812020626 02 25 67 0002282
   131I=ND              133I=ND            135I=ND             137CS=ND
   K=1.49E00            NO                 CHEM

SHERIDAN WYOMING JERSEY CREAMERY INC  PM 53016003349812020748 02 26 67 0002282
   131I=ND              133I=ND            135I=ND             137CS=7.00E00
   K=1.35E00            NO                 CHEM

NOTE--MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
      FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
      SURVEILLANCE AIR RESULTS ARE PCI/M3,
      SOIL RESULTS ARE PCI/GM,
      LT(X) DENOTES A RESULT LESS THAN X.
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WYOMING MILK - JAN 1967-JUNE 1967                                COLLECTED

SHERIDAN WYOMING JERSEY CREAMERY INC  AM 53016003349812020750 02 27 67 0002282
   131I=ND             133I=ND             135I=ND             137CS=ND
   K=1.59E00           NO                  CHEM

SHERIDAN WYOMING JERSEY CREAMERY INC  AM 53016003349812020751 02 27 67 0002282
   131I=ND             133I=ND             135I=ND             137CS=ND
   K=1.57E00           NO                  CHEM

NOTE---MILK,WATER,RADON UNITS ARE PCI/L,EXCEPT K=GM/L,
       FOOD AND FEED UNITS ARE PCI/KGM,EXCEPT K=GM/KGM,
       SURVEILLANCE AIR RESULTS ARE PCI/M3,
       SOIL RESULTS ARE PCI/GM,
       LT(X) DENOTES A RESULT LESS THAN X.
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